

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME I - UNCORRECTED ACCELEROGRAMS

PART R - ACCELEROGRAMS IR244 THROUGH IR254

ACCELEROGRAMS FROM THE
SAN FERNANDO, CALIFORNIA, EARTHQUAKE
OF FEBRUARY 9, 1971

LOG NOS: 71.174, 71.173, 71.192, 71.193,
71.194, 71.196, 71.197, 71.198,
71.199, 71.200, 71.201

REPORT NO. EERL 73-23

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

JULY 1974

CALIFORNIA INSTITUTE OF TECHNOLOGY
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ABSTRACT

The first set of twenty uncorrected digitized earthquake accelerograms was published in July 1969 as Volume I, Part A, of the present series. That volume also contained introductory material and background information describing the methods used, accuracies, etc., which should be referred to by all users of the data. The San Fernando earthquake provided records of sufficient importance that the original plan was interrupted after two parts and Part C contained the first of the San Fernando earthquake accelerograms. This issue continues the San Fernando accelerograms and contains eleven records consisting of one from the building at 6430 Sunset Boulevard in Los Angeles, and two each from the following locations: 222 Figueroa Street, 6464 Sunset Boulevard, 1900 Avenue of the Stars, 234 Figueroa Street, and 533 S. Fremont Avenue in Los Angeles.

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PREFACE TO VOLUME I, PART R

This issue of uncorrected digitized earthquake records contains data from the San Fernando, California, earthquake of February 9, 1971. The data from this earthquake appeared first in Volume I, Part C, Report No. EERL 71-20, and this continuation includes records from the following locations:

1. 222 Figueroa Street, Los Angeles (2 records)
2. 6464 Sunset Boulevard, Los Angeles (2 records)
3. 6430 Sunset Boulevard, Los Angeles
4. 1900 Avenue of the Stars, Los Angeles (2 records)
5. 234 Figueroa Street, Los Angeles (2 records)
6. 533 S. Fremont Avenue, Los Angeles (2 records)

All these records are from MO-2 instruments using 35-mm film. Information on the film preparation for digitizing may be found in the Preface to Volume I, Part P, Report No. EERL 73-21.

Detailed comments on the records and digitizations in this report follow.

IR244,245. 222 S. Figueroa Street, Los Angeles; 1st and 20th (Roof) Floors. The time marks on the 1st floor record were too faint over a significant portion of the record and they were not digitized. An average film transport speed, 1.695 cm/sec, was determined from a small section of the record where the time marks were just discernible and this speed was assumed constant for the entire record length.

The particular model of the MO-2 instrument used in this building places the time mark trace above the three main acceleration traces but offset a few centimeters in the direction of increasing time.

This is a consequence of the fact that the timing light is directed onto the film at a location different from where the accelerations are being recorded. Thus, the clear time mark trace of the 20th floor record required a translation of 1.26 sec to align its first mark with the start of the acceleration traces.

The instruments are located in different building sections; the 1st floor instrument is in the north section, the 12th floor instrument, whose record was too faint to digitize, is in the elevator tower, and the 20th floor instrument is in the south section. This lack of vertical alignment must be considered in any study of building response using the two records included here.

Both records were digitized for their complete length of about 41 sec.

IR246, 247. 6464 Sunset Boulevard, Los Angeles; Basement and 12th Floor (Roof). These two records had the offset time marks described above for record IR245, and a translation corresponding to 1.44 sec was required for both. The complete acceleration record length of 43 sec was digitized in each case.

IR248. 6430 Sunset Boulevard, Los Angeles; 1st Floor. This record had the offset time marks described above for the record IR245, requiring a translation of 1.44 sec. The complete record of 45 sec was digitized. There was no record from either of the other two instruments in this building.

IR249,250. 1900 Avenue of the Stars, Los Angeles. Basement and 29th Level (Roof). The time mark traces for both of these records were too faint and intermittent to be digitized. However, the film speeds could be determined by using a small section of clear trace. These speeds were 1.545 cm/sec and 1.602 cm/sec, respectively. The complete acceleration record length of 42 sec was digitized in each case.

The record from the 16th Floor was too faint and intermittent to be considered for digitization.

IR251,252. 234 S. Figueroa Street, Los Angeles. Basement and 18th Level (Roof). These two records had the offset time marks described above for record IR245. Translations of 1.44 sec and 0.66 sec, respectively, were required. The complete acceleration record of about 47 sec was digitized in each case. There was no record obtained from the 12th floor instrument.

IR253,254. 533 S. Fremont, Los Angeles. Basement and 6th Floor. The particular models of the MO-2 instrument used in this building have a 50 cps trace interruption incorporated in the acceleration traces. The interruptions first appeared 0.8 sec after the start of the record, assuming the film speed was constant after triggering. The complete acceleration records were digitized, $36\frac{1}{2}$ sec for the basement and 51 sec for the 6th Floor.

The question of where to discontinue digitizing the records, although not arising in this particular report, is answered in most

cases on the basis of record amplitude. Experience with the Volume II correction procedures has shown that the decreased signal-to-noise ratio, occurring with low acceleration amplitudes, allows spurious long period components to become predominant.

We are reporting here the digitized and actual lengths of the accelerograms so that those investigators who want to examine a particular record in more detail are familiar with the basic data available. The amplitudes of the omitted portions of the accelerograms typically do not exceed the levels indicated by the average amplitudes at the end of the digitized portion which can be seen in the plots at the back of this report.

In conclusion we should like to express our gratitude to Mr. Vincent Lee, who has carried out the various details for the production of the Volume I series of tapes with special care and attention, to Miss Barbara Turner and Miss Sharon Vedrode for the typing and editing, to the staff of the Willis H. Booth Computing Center, and to the Caltech Graphic Arts Facilities. We acknowledge the general support of the Earthquake Research Affiliates Program and the grants from the National Science Foundation. We appreciate the cooperation of the Seismic Engineering Branch of the U.S. Geological Survey (formerly the Seismological Field Survey of the National Oceanic and Atmospheric Administration) and the National Science Foundation.

A. G. Brady
D. E. Hudson
Earthquake Engineering Research Laboratory
California Institute of Technology

Notes on the Volume I Series of Reports

In addition to some of the information in the preceding Abstract and Preface, there are some facts pertaining to the Volume I series which will appear in these Notes in this and future reports.

Parts A and B contained data from records dating from the Long Beach earthquake of March 10, 1933, and included three records from the Borrego Mountain, California, earthquake of April 8, 1958. Part C contained the first of the records from the San Fernando, California, earthquake of February 9, 1971, a sufficiently important earthquake that all the records considered suitable for standard digitizing will be included in the issues following Part C.

The Preface to Part A contained details of preparation for digitization of photographic paper records, Part G contained the details for 70-mm film preparation, and Part P included a description for 35-mm film preparation.

A thorough description of the naming of component directions of the records was given in Part M. Consistent with this, the component direction, where it appears in this report, refers to the directions of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the transducer pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base, and it follows that the true ground acceleration will be opposite to the pendulum motion defined above. For those applications requiring true ground motion, therefore, the directions as given

in standard data in this series of reports, derived from the Seismological Field Survey, will need to be reversed.

Some reproductions in the publication "United States Earthquakes" issued by the National Oceanic and Atmospheric Administration (formerly the Coast and Geodetic Survey) have reversed component directions to indicate true ground motion. A few special cases of incorrect component description, a result of these reversed component directions, appeared in Parts A and B and a complete list of their correct directions was included in Part M.

The plots following the computer printouts contain arrows indicating the length of the digitized portion in each film set-up on the digitizing table. Each individual trace has asterisks inserted in the computer printout next to the coordinates of the points corresponding to these arrows.

All of the reports in this Volume I contain references concerning particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service
U.S. Department of Commerce
Springfield, Virginia 22151 .

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component* Direction	Period* T ₀ , (sec)	Sens.* (cm/g)	Damp* Ratio, %	Damp* % crit.
IR244	71.174	MO-2 110	145 Los Angeles, 222 Figueroa St. 1st Floor	N53W S37W Up	0.3	1.53 1.51 2.32	10	59.2
IR245	71.173	MO-2 160	147 Los Angeles, 222 Figueroa St. 20th Floor	N53W S37W Up	0.3	1.54 1.55 2.44	10	59.2
IR246	71.192	MO-2 123	235 Los Angeles, 6464 Sunset Blvd. Basement	South East Up	0.3	1.49 1.52 2.40	10	59.2
IR247	71.193	MO-2 116	237 Los Angeles, 6464 Sunset Blvd. 12th Floor	South East Up	0.3	1.57 1.51 2.44	10	59.2
IR248	71.194	MO-2 56	232 Los Angeles, 6430 Sunset Blvd. 1st Floor	South East Up	0.3	1.57 1.54 2.43	10	59.2
IR249	71.196	MO-2 121	184 Los Angeles, 1900 Ave. of the Stars, Basement	N44E S46E Up	0.3	1.58 1.58 2.30	10	59.2
IR250	71.197	MO-2 197	186 Los Angeles, 1900 Ave. of the Stars, 29th Floor	N44E S46E Up	0.3	1.54 1.54 2.37	10	59.2
IR251	71.198	MO-2 54	148 Los Angeles, 234 Figueroa St. Basement	N37E S53E Up	0.3	1.62 1.61 2.46	10	59.2

*See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (cont.)

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component* Direction	Period* T ₀ (sec)	Sens.* (cm/g)	Damp* Ratio, ε	Damp* % crit.
IR252	71.199	MO-2 62	150 Los Angeles, 234 Figueroa St. Roof	N37E S53E Up	0.3	1.62 1.65 2.36	10	59.2
IR253	71.200	MO-2 73	160 Los Angeles, 533 S. Fremont Avenue, Basement	N30W S60W Up	0.3	1.58 1.56 2.40	10	59.2
IR254	71.201	MO-2 93	161 Los Angeles, 533 S. Fremont Avenue, 6th Floor	N30W S60W Up	0.3	1.57 1.63 2.44	10	59.2

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$$* \text{Static Magnification, } V_s = \omega_n^2 \cdot (\text{Sensitivity}) = \left(\frac{2\pi}{T_0(\text{sec})} \right)^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$$

Periods, sensitivities, and damping ratios are supplied by the manufacturer and appear in "Strong-Motion Station Instrumental Data," Seismological Field Survey, NOAA-ERL-ESL, June 30, 1972.

Damping ratio, $\epsilon = \exp [\pi n / \sqrt{1 - n^2}]$, where n is the fraction of critical damping.

The component direction is that of pendulum motion for the trace to be deflected "upwards" on the record.

EARTHQUAKE DATA

The San Fernando, California, Earthquake of February 9, 1971,
0600 PST; epicenter, $34^{\circ}24.7'N$, $118^{\circ}24.0'W$; * maximum intensity, XI;
revised magnitude (M_L), 6.4; depth, 13.0 km.

*Latest revised epicenter location.

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INTS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1910 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.010	0.015	0.023	0.026	0.030	0.032	0.037	2.459	-0.057	2.469	-0.052	2.481	-0.107	2.503	-0.052	2.537	-0.004
0.045	0.016	0.055	-0.005	0.066	-0.019	0.083	-0.006	2.521	-0.010	2.537	0.018	2.553	0.017	2.568	-0.004	2.587	-0.004
0.058	0.007	0.111	0.024	0.121	0.034	0.139	0.012	2.566	-0.018	2.601	0.012	2.616	0.044	2.623	-0.051	2.644	-0.051
0.157	-0.003	0.175	-0.011	0.187	-0.005	0.201	0.016	2.639	0.002	2.655	-0.026	2.669	-0.040	2.682	-0.054	2.699	-0.054
0.211	0.029	0.232	0.014	0.248	0.026	0.260	0.032	2.686	-0.055	2.702	-0.006	2.717	0.015	2.730	-0.014	2.747	-0.014
0.274	0.052	0.299	0.024	0.311	-0.020	0.324	-0.028	2.743	-0.035	2.756	-0.043	2.771	0.041	2.782	-0.131	2.799	-0.131
0.336	-0.008	0.347	0.040	0.359	0.046	0.376	0.024	2.793	0.145	2.801	-0.145	2.812	0.041	2.819	-0.010	2.836	-0.010
0.391	-0.026	0.406	-0.041	0.420	-0.021	0.437	0.013	2.829	-0.038	2.840	-0.032	2.856	-0.004	2.867	-0.016	2.883	-0.016
0.450	0.019	0.463	0.004	0.477	0.024	0.492	0.037	2.883	-0.028	2.895	-0.021	2.911	-0.036	2.921	-0.087	2.937	-0.087
0.513	0.042	0.527	0.048	0.543	0.047	0.562	0.017	2.930	-0.023	2.945	0.011	2.955	0.039	2.963	-0.087	2.980	-0.087
0.579	0.029	0.594	0.042	0.609	0.013	0.622	-0.023	2.979	0.072	2.995	0.064	3.008	0.056	3.021	-0.041	3.038	-0.041
0.636	-0.031	0.656	-0.036	0.675	-0.069	0.689	-0.069	3.029	0.020	3.038	-0.016	3.058	0.018	3.074	-0.045	3.091	-0.045
0.704	0.040	0.717	-0.017	0.728	-0.060	0.739	-0.082	3.090	0.051	3.111	-0.056	3.122	0.069	3.128	-0.076	3.144	-0.076
0.757	-0.042	0.772	0.027	0.784	0.032	0.801	0.003	3.141	0.033	3.151	-0.030	3.163	-0.045	3.179	-0.031	3.194	-0.031
0.818	-0.012	0.833	-0.007	0.848	-0.007	0.871	0.006	3.193	0.017	3.205	0.072	3.214	0.000	3.219	-0.113	3.234	-0.113
0.891	0.012	0.908	0.019	0.922	0.005	0.941	0.045	3.234	0.057	3.248	-0.043	3.248	-0.014	3.260	-0.043	3.275	-0.043
0.952	0.073	0.967	0.045	0.982	0.003	0.995	-0.032	3.274	-0.023	3.289	-0.002	3.305	-0.038	3.317	-0.060	3.332	-0.060
1.016	0.017	1.032	-0.045	1.048	-0.003	1.061	-0.053	3.335	-0.054	3.343	-0.052	3.369	-0.084	3.381	-0.099	3.396	-0.099
1.068	-0.081	1.088	0.039	1.105	0.030	1.121	0.086	3.358	-0.051	3.412	-0.003	3.438	0.031	3.452	-0.065	3.467	-0.065
1.134	0.100	1.149	0.086	1.158	0.058	1.167	0.036	3.472	0.084	3.487	0.048	3.500	-0.009	3.512	-0.038	3.524	-0.038
1.179	0.057	1.191	-0.064	1.208	-0.015	1.216	-0.041	3.524	-0.025	3.538	0.023	3.550	0.007	3.562	-0.098	3.574	-0.098
1.233	-0.063	1.250	-0.043	1.267	-0.002	1.285	-0.003	3.582	0.033	3.598	0.038	3.601	-0.087	3.615	-0.103	3.627	-0.103
1.303	0.017	1.320	0.029	1.337	0.021	1.353	0.006	3.634	0.041	3.649	-0.000	3.662	0.027	3.668	-0.026	3.680	-0.026
1.370	0.012	1.380	0.018	1.405	-0.005	1.425	0.000	3.686	-0.045	3.697	-0.001	3.707	0.023	3.721	-0.060	3.734	-0.060
1.439	0.028	1.450	0.069	1.463	0.083	1.482	-0.002	3.736	-0.012	3.754	0.008	3.769	0.021	3.785	-0.035	3.798	-0.035
1.505	-0.003	1.524	-0.010	1.537	-0.004	1.553	0.003	3.756	0.041	3.806	-0.022	3.814	-0.064	3.826	-0.072	3.839	-0.072
1.568	0.010	1.582	-0.019	1.595	-0.047	1.615	-0.005	3.842	-0.051	3.859	-0.031	3.872	-0.046	3.886	-0.060	3.899	-0.060
1.635	0.009	1.648	0.015	1.664	0.064	1.678	0.078	3.903	-0.005	3.917	0.009	3.927	0.001	3.937	-0.048	3.949	-0.048
1.694	0.042	1.708	-0.015	1.722	-0.022	1.743	0.025	3.945	-0.076	3.956	-0.084	3.971	-0.022	3.980	-0.055	3.992	-0.055
1.773	-0.011	1.786	-0.011	1.786	-0.026	1.807	0.008	3.988	0.131	3.997	0.208	4.006	0.235	4.019	-0.158	4.031	-0.158
1.831	0.027	1.855	0.025	1.874	0.017	1.894	0.015	4.030	0.080	4.045	-0.026	4.052	-0.075	4.059	-0.089	4.071	-0.089
1.933	0.048	1.955	0.032	1.974	-0.019	1.974	-0.019	4.074	-0.020	4.087	0.042	4.100	0.055	4.113	0.062	4.125	0.062
2.008	-0.085	2.021	-0.085	2.021	-0.065	2.036	-0.080	4.125	0.061	4.135	0.054	4.148	0.046	4.164	-0.053	4.178	-0.053
2.126	-0.003	2.140	-0.003	2.140	-0.003	2.152	0.004	4.178	0.074	4.192	0.074	4.205	0.066	4.224	-0.060	4.237	-0.060
2.182	0.004	2.200	0.011	2.215	0.011	2.215	0.011	4.238	0.045	4.251	-0.074	4.260	-0.081	4.276	-0.060	4.291	-0.060
2.265	0.004	2.282	0.005	2.296	0.005	2.311	0.004	4.289	-0.025	4.303	-0.067	4.322	-0.081	4.337	-0.081	4.352	-0.081
2.323	-0.032	2.348	-0.032	2.363	-0.032	2.378	-0.032	4.357	-0.081	4.374	-0.025	4.387	-0.059	4.402	-0.095	4.417	-0.095
2.418	-0.033	2.443	-0.033	2.468	-0.033	2.483	-0.033	4.467	0.121	4.484	-0.066	4.496	0.045	4.508	-0.100	4.520	-0.100
2.539	-0.067	2.564	-0.067	2.589	-0.067	2.614	-0.067	4.523	0.128	4.542	0.053	4.554	0.046	4.566	-0.067	4.578	-0.067

4.589	-0.039	4.609	0.038	4.622	0.080	4.629	0.080	7.173	0.714	7.184	C.588	7.193	C.441	7.203	C.238
4.642	-0.032	4.651	-0.109	4.657	-0.158	4.664	-0.207	7.215	0.035	7.225	-0.119	7.233	-0.210	7.246	-0.217
4.679	-0.123	4.693	0.010	4.702	0.101	4.713	0.158	7.235	-0.158	7.266	-0.078	7.276	-0.015	7.287	C.048
4.721	0.172	4.731	0.130	4.743	0.046	4.753	-0.024	7.299	C.090	7.311	C.055	7.321	-0.029	7.331	-0.114
4.760	-0.038	4.772	0.032	4.784	0.110	4.798	0.117	7.343	-0.191	7.358	-0.268	7.365	-0.310	7.382	-0.373
4.806	0.033	4.815	-0.092	4.821	-0.141	4.828	-0.211	7.392	-0.366	7.403	-0.289	7.415	-0.178	7.427	-0.073
4.835	-0.239	4.842	-0.253	4.853	-0.147	4.861	-0.063	7.439	-0.017	7.447	C.074	7.460	C.200	7.470	C.297
4.868	0.007	4.875	0.049	4.882	0.056	4.894	-0.027	7.480	0.367	7.498	0.395	7.513	C.367	7.523	C.290
4.902	-0.118	4.911	-0.195	4.922	-0.244	4.939	-0.188	7.536	0.206	7.549	0.220	7.563	C.220	7.571	C.213
4.952	-0.083	4.962	-0.006	4.974	0.099	4.984	0.148	7.586	0.283	7.596	0.366	7.605	C.380	7.614	0.408
4.989	0.156	5.003	0.100	5.016	0.016	5.026	-0.040	7.626	0.457	7.634	C.569	7.644	0.653	7.655	C.667
5.035	-0.082	5.045	-0.074	5.056	0.017	5.067	0.087	7.664	0.625	7.679	C.387	7.692	0.177	7.702	0.045
5.077	0.100	5.096	0.052	5.108	-0.046	5.117	-0.102	7.714	-0.053	7.725	-0.032	7.740	C.038	7.753	C.094
5.129	-0.123	5.144	-0.046	5.159	0.038	5.172	0.073	7.768	0.163	7.780	0.212	7.793	0.254	7.807	0.303
5.184	0.100	5.200	0.052	5.215	-0.011	5.230	-0.088	7.816	C.289	7.828	C.164	7.838	0.073	7.851	0.052
5.242	-0.137	5.255	-0.151	5.272	-0.123	5.285	-0.053	7.866	0.059	7.878	0.045	7.889	-0.046	7.901	-0.165
5.295	0.031	5.302	0.094	5.310	0.128	5.318	0.135	7.910	-0.228	7.925	-0.284	7.934	-0.235	7.945	-0.123
5.330	0.100	5.341	0.087	5.355	0.107	5.368	0.156	7.957	0.010	7.967	0.121	7.978	C.261	7.987	0.415
5.382	0.170	5.397	0.170	5.413	0.219	5.423	0.282	8.000	0.590	8.013	0.758	8.022	C.870	8.034	0.891
5.433	0.310	5.449	0.353	5.464	0.339	5.482	0.262	8.043	C.814	8.056	C.061	8.063	0.492	8.073	0.303
5.492	0.227	5.504	0.199	5.521	0.228	5.532	0.235	8.082	0.135	8.096	0.064	8.103	-0.263	8.111	-0.382
5.550	0.235	5.562	0.235	5.576	0.263	5.588	0.257	8.126	-0.557	8.141	-0.704	8.156	-0.836	8.164	-1.080
5.601	0.180	5.610	0.089	5.619	0.019	5.626	-0.065	8.176	-1.270	8.189	-1.445	8.208	-1.557	8.212	-1.543
5.644	-0.134	5.655	-0.204	5.665	-0.302	5.676	-0.420	8.227	-1.473	8.237	-1.404	8.253	-1.348	8.265	-1.225
5.688	-0.497	5.699	-0.553	5.711	-0.561	5.724	-0.561	8.275	-1.026	8.285	-0.775	8.297	-0.565	8.307	-0.397
5.738	-0.610	5.750	-0.624	5.765	-0.554	5.776	-0.408	8.321	-0.230	8.332	-0.050	8.345	C.071	8.356	0.042
5.784	-0.289	5.792	-0.184	5.804	-0.128	5.815	-0.121	8.373	0.084	8.386	0.064	8.398	0.147	8.411	0.307
5.837	-0.192	5.848	-0.213	5.868	-0.213	5.882	-0.192	8.425	0.517	8.437	0.664	8.454	C.838	8.461	0.768
5.885	-0.241	5.895	-0.241	5.892	-0.297	5.902	-0.304	8.473	0.698	8.490	0.635	8.509	C.655	8.519	0.564
5.914	-0.227	5.928	-0.032	5.938	0.108	5.946	0.255	8.531	0.466	8.547	0.333	8.563	C.242	8.578	C.165
5.957	0.359	5.967	0.415	5.981	0.450	5.994	0.464	8.603	0.158	8.614	0.179	8.630	0.192	8.645	0.136
6.006	0.471	6.014	0.360	6.023	0.227	6.033	0.136	8.660	0.094	8.679	C.059	8.691	C.003	8.705	-0.018
6.046	0.122	6.062	0.143	6.078	0.171	6.090	0.241	8.714	-0.151	8.724	-0.312	8.734	-0.410	8.744	-0.536
6.100	0.291	6.115	0.319	6.132	0.263	6.147	0.193	8.762	-0.606	8.772	-0.578	8.784	-0.501	8.795	-0.438
6.155	0.137	6.168	0.102	6.188	0.103	6.203	0.083	8.804	-0.368	8.817	-0.348	8.840	-0.271	8.850	-0.313
6.210	-0.008	6.223	-0.112	6.233	-0.202	6.244	-0.244	8.862	-0.292	8.872	-0.229	8.885	-0.090	8.898	0.057
6.237	-0.236	6.267	-0.166	6.276	-0.040	6.284	0.059	8.913	0.218	8.931	0.371	8.935	0.476	8.941	0.539
6.253	0.150	6.305	0.255	6.313	0.305	6.324	0.382	8.949	C.455	8.959	0.322	8.971	C.210	8.983	C.189
6.336	0.404	6.347	0.383	6.355	0.370	6.366	0.398	9.002	0.279	9.012	0.358	9.024	0.434	9.036	0.383
6.378	0.441	6.390	0.400	6.399	0.316	6.410	0.247	9.053	0.222	9.070	C.110	9.094	0.033	9.106	0.046
6.421	0.248	6.435	0.192	6.442	0.081	6.453	-0.058	9.122	0.018	9.134	-0.045	9.160	-0.066	9.166	-0.220
6.461	-0.149	6.472	-0.204	6.482	-0.141	6.495	-0.078	9.177	-0.423	9.190	-0.551	9.201	-0.675	9.209	-0.696
6.498	-0.057	6.506	-0.085	6.519	-0.161	6.532	-0.217	9.217	-0.528	9.229	-0.257	9.239	-0.055	9.248	C.115
6.542	-0.231	6.553	-0.202	6.560	-0.139	6.573	-0.034	9.260	0.318	9.271	0.471	9.284	0.618	9.294	0.702
6.555	0.029	6.598	0.015	6.609	-0.026	6.626	-0.040	9.311	0.667	9.323	0.548	9.336	0.408	9.349	0.247
6.633	-0.061	6.643	0.030	6.657	0.149	6.668	0.212	9.359	C.080	9.372	-0.032	9.382	-0.053	9.392	0.052
6.679	0.177	6.691	0.059	6.703	-0.039	6.718	-0.095	9.402	0.205	9.413	C.366	9.426	0.506	9.440	C.569
6.727	-0.095	6.741	-0.046	6.754	0.031	6.767	0.094	9.451	0.555	9.465	C.429	9.480	C.233	9.488	0.087
6.777	0.184	6.787	0.219	6.798	0.198	6.813	0.121	9.500	-0.088	9.511	-0.235	9.520	-0.326	9.531	-0.473
6.827	0.100	6.840	0.066	6.855	-0.137	6.868	-0.319	9.540	C.578	9.554	C.620	9.560	-0.606	9.571	-0.529
6.879	-0.431	6.894	-0.487	6.907	-0.473	6.922	-0.473	9.581	-0.466	9.589	-0.403	9.601	-0.319	9.615	-0.263
6.937	-0.445	6.947	-0.382	6.957	-0.264	6.971	-0.145	9.631	-0.389	9.649	-0.445	9.662	-0.445	9.676	-0.361
6.984	-0.110	7.001	-0.082	7.011	-0.124	7.023	-0.117	9.687	-0.228	9.695	-0.067	9.713	C.059	9.720	0.128
7.033	-0.187	7.046	-0.306	7.061	-0.334	7.074	-0.278	9.740	0.100	9.755	-0.032	9.771	-0.186	9.784	-0.326
7.085	-0.195	7.096	-0.083	7.106	0.071	7.115	0.232	*9.793	-0.361	9.805	-0.403	9.814	-0.368	9.822	-0.312
7.126	0.455	7.137	0.630	7.150	0.707	7.160	0.735	9.830	-0.242	9.841	-0.249	9.851	-0.305	9.863	-0.423

9.875	-0.542	5.883	-0.653	9.892	-0.772	9.898	-0.848	12.412	0.296	12.428	0.275	12.445	C.310	12.452	0.212
9.910	-0.868	9.921	-0.846	9.933	-0.755	9.944	-0.677	12.466	0.163	12.478	0.066	12.491	-0.046	12.503	-0.158
9.953	-0.620	9.967	-0.542	9.979	-0.464	10.000	-0.434	12.519	-0.228	12.525	-0.258	12.538	-0.382	12.547	-0.374
10.015	-0.398	10.022	-0.411	10.038	-0.250	10.047	-0.313	12.554	-0.318	12.558	-0.227	12.572	-0.059	12.579	-0.066
10.059	-0.278	10.076	-0.319	10.089	-0.319	10.103	-0.340	12.581	C.193	12.604	C.217	12.607	0.368	12.621	0.473
10.115	-0.410	10.128	-0.424	10.147	-0.396	10.155	-0.480	12.632	0.487	12.649	0.466	12.660	C.404	12.674	0.427
10.165	-0.571	10.175	-0.473	10.182	-0.368	10.190	-0.277	12.684	0.244	12.657	0.279	12.705	0.265	12.728	0.301
10.201	-0.260	10.207	-0.081	10.218	0.017	10.228	0.073	12.734	C.254	12.749	C.308	12.766	C.330	12.773	0.302
10.233	0.184	10.241	0.310	10.248	0.394	10.255	C.493	12.780	0.218	12.806	0.267	12.814	0.302	12.828	C.310
10.266	0.675	10.272	0.668	10.279	0.724	10.293	0.808	12.836	0.338	12.850	C.317	12.866	0.317	12.879	0.256
10.308	0.845	10.315	0.810	10.327	0.783	10.342	0.743	12.894	C.226	12.905	0.107	12.912	0.059	12.922	-0.032
10.351	0.653	10.362	0.688	10.377	0.780	10.390	0.893	12.932	-0.053	12.940	0.017	12.951	C.128	12.960	0.261
10.402	0.873	10.414	0.852	10.423	0.720	10.427	0.489	12.973	C.366	12.985	0.485	12.995	0.583	13.015	0.590
10.437	0.287	10.448	0.091	10.453	-0.056	10.464	-0.244	13.019	0.527	13.027	0.415	13.036	0.345	13.050	C.226
10.468	-0.349	10.475	-0.447	10.486	-0.509	10.493	-0.558	13.063	0.184	13.077	0.107	13.087	0.024	13.103	-0.032
10.510	-0.592	10.516	-0.536	10.532	-0.395	10.539	-0.395	13.115	-0.053	13.132	-0.130	13.142	-0.102	13.149	-0.137
10.547	-0.311	10.556	-0.184	10.566	-0.072	10.576	0.019	13.161	-0.109	13.170	-0.074	13.181	0.024	13.192	C.080
10.590	0.096	10.600	0.208	10.614	0.264	10.617	0.236	13.195	0.087	13.207	0.191	13.224	C.156	13.240	C.177
10.630	0.258	10.642	0.279	10.653	0.279	10.663	0.329	13.255	0.191	13.270	C.142	13.250	0.142	13.311	0.100
10.672	0.427	10.684	0.553	10.694	0.707	10.704	0.785	13.333	C.107	13.344	C.031	13.355	-0.039	13.381	-0.060
10.713	0.841	10.722	0.820	10.735	0.765	10.750	0.654	13.393	-0.081	13.405	-0.060	13.417	-0.130	13.434	-0.220
10.755	0.501	10.765	0.271	10.774	0.048	10.785	-0.189	13.444	-0.283	13.457	-0.220	13.464	-0.318	13.485	-0.248
10.793	-0.377	10.801	-0.517	10.814	-0.606	10.832	-0.696	13.500	-0.276	13.516	-0.219	13.533	-0.198	13.545	-0.191
10.834	-0.773	10.849	-0.779	10.870	-0.792	10.882	-0.812	13.558	-0.107	13.571	-0.051	13.587	-0.043	13.601	-0.021
10.897	-0.804	10.904	-0.755	10.914	-0.698	10.924	-0.628	13.613	-0.007	13.630	0.001	13.640	C.002	13.649	-0.011
10.940	-0.516	10.948	-0.600	10.962	-0.592	10.978	-0.669	13.661	C.010	13.666	-0.073	13.688	-0.036	13.693	-0.106
10.993	-0.760	11.007	-0.766	11.023	-0.683	11.032	-0.697	13.712	-0.111	13.727	-0.152	13.741	-0.200	13.757	-0.233
11.047	-0.620	11.058	-0.564	11.070	-0.445	11.080	-0.319	13.775	-0.330	13.786	-0.357	13.756	-0.364	13.806	-0.385
11.089	-0.256	11.098	-0.137	11.110	-0.053	11.112	-0.081	13.813	-0.441	13.820	-0.468	13.827	-0.587	13.832	-0.560
11.119	0.052	11.124	0.052	11.130	0.017	11.139	0.121	13.835	-0.594	13.843	-0.468	13.850	-0.587	13.865	-0.510
11.153	0.100	11.169	0.135	11.172	0.065	11.189	0.226	13.880	-0.419	13.891	-0.349	13.903	-0.301	13.913	-0.287
11.157	0.198	11.216	0.225	11.237	0.169	11.241	0.190	13.924	-0.266	13.938	-0.225	13.949	-0.170	13.958	-0.114
11.261	0.231	11.273	0.155	11.291	0.202	11.298	0.159	13.968	-0.079	13.979	-0.052	13.993	-0.031	14.005	-0.004
11.307	0.096	11.327	0.095	11.343	0.095	11.352	0.137	14.020	C.052	14.033	0.054	14.039	0.115	14.045	C.150
11.363	0.207	11.378	0.298	11.401	0.361	11.409	0.347	14.062	C.170	14.075	C.128	14.091	C.087	14.101	0.052
11.419	C.319	11.436	0.327	11.451	0.306	11.454	C.279	14.111	0.017	14.122	-0.004	14.133	-0.011	14.148	0.031
11.467	0.251	11.479	0.329	11.498	0.400	11.507	C.449	14.156	0.052	14.165	C.067	14.173	C.107	14.188	0.052
11.515	0.533	11.530	0.667	11.542	0.731	11.555	0.794	14.157	C.010	14.204	-0.018	14.211	-0.039	14.224	C.010
11.565	0.732	11.578	0.641	11.593	0.509	11.606	0.342	14.236	0.052	14.247	0.107	14.257	C.149	14.270	C.170
11.619	0.308	11.626	0.182	11.645	0.127	11.658	0.197	14.280	C.177	14.285	C.265	14.302	0.184	14.310	0.128
11.643	0.183	11.672	0.253	11.678	0.358	11.691	0.491	14.320	C.100	14.330	0.073	14.337	0.059	14.345	C.059
11.703	0.596	11.715	0.659	11.722	0.603	11.731	0.499	14.360	0.100	14.368	0.135	14.375	0.163	14.382	0.158
11.739	C.394	11.752	0.275	11.757	0.080	11.764	-0.018	14.352	C.205	14.405	C.156	14.418	C.121	14.434	0.100
11.774	-0.081	11.797	-0.074	11.800	-0.158	11.812	-0.053	14.443	0.066	14.453	0.066	14.463	0.073	14.472	-0.038
11.825	-0.053	11.835	-0.102	11.846	-0.186	11.860	-0.277	14.481	0.003	14.490	-0.032	14.497	-0.053	14.506	-0.074
11.873	-0.340	11.887	-0.270	11.899	-0.333	11.926	-0.256	14.516	-0.074	14.526	-0.053	14.532	-0.032	14.542	-0.053
11.929	-0.242	11.940	-0.179	11.957	0.102	11.964	-0.130	14.551	-0.088	14.556	-0.109	14.564	-0.067	14.572	-0.039
11.986	-0.018	11.996	-0.025	12.007	0.052	12.020	0.116	14.582	-0.011	14.594	-0.004	14.602	C.003	14.615	C.003
12.034	C.109	12.046	0.056	12.054	0.096	12.066	0.152	14.625	-0.046	14.632	-0.067	14.639	-0.055	14.646	-0.123
12.078	0.208	12.084	0.223	12.092	0.202	12.107	0.084	14.653	-0.144	14.662	-0.144	14.671	-0.095	14.682	-0.053
12.120	0.022	12.135	-0.039	12.143	-0.074	12.156	-0.045	14.653	-0.011	14.702	-0.004	14.708	0.017	14.717	0.031
12.163	-0.037	12.172	0.041	12.188	0.154	12.196	0.162	14.728	C.010	14.746	-0.018	14.756	-0.060	14.765	-0.088
12.221	0.205	12.228	0.206	12.237	0.213	12.244	0.235	14.779	-0.039	14.785	-0.037	14.759	-0.137	14.814	-0.102
12.261	0.278	12.271	0.272	12.281	0.279	12.297	0.273	14.830	-0.036	14.848	-0.034	14.857	-0.073	14.867	-0.087
12.312	0.274	12.322	0.260	12.334	0.211	12.350	0.247	14.876	C.107	14.886	C.121	14.858	0.054	14.905	0.052
12.357	0.303	12.375	0.313	12.377	0.331	12.395	0.338	14.910	C.003	14.923	-0.081	14.935	-0.186	14.943	-0.249

14.952	-0.291	14.963	-0.319	14.975	-0.319	14.992	-0.305	17.589	0.066	17.601	0.017	17.618	0.024	17.636	0.045
15.003	-0.284	15.014	-0.242	15.025	-0.221	15.042	-0.221	17.649	0.100	17.662	0.135	17.677	0.149	17.689	0.170
15.058	-0.242	15.069	-0.242	15.079	-0.207	15.088	-0.158	17.700	0.184	17.712	0.158	17.723	0.198	17.732	0.163
15.057	-0.088	15.109	-0.032	15.116	-0.004	15.127	0.031	17.745	0.121	17.756	0.087	17.768	0.031	17.776	-0.004
15.138	0.010	15.147	-0.011	15.160	0.003	15.172	0.052	17.783	-0.018	17.796	-0.046	17.810	-0.011	17.821	0.017
15.182	0.080	15.194	0.114	15.204	0.135	15.216	0.135	17.831	0.038	17.846	0.059	17.859	0.107	17.869	0.135
15.223	0.080	15.236	0.059	15.245	0.017	15.253	-0.025	17.879	0.156	17.892	0.156	17.910	0.149	17.926	0.149
15.264	-0.046	15.276	-0.053	15.289	-0.011	15.301	0.038	17.939	0.163	17.954	0.170	17.970	0.191	17.987	0.205
15.313	0.080	15.326	0.121	15.342	0.142	15.353	0.170	18.002	0.219	18.015	0.226	18.034	0.219	18.048	0.191
15.364	0.191	15.381	0.170	15.392	0.142	15.404	0.107	18.065	0.136	18.075	0.101	18.085	0.066	18.105	0.067
15.412	0.094	15.424	0.107	15.441	0.107	15.455	0.094	18.114	0.081	18.132	0.082	18.149	0.075	18.157	0.054
15.465	0.066	15.475	0.038	15.489	0.003	15.500	-0.011	18.171	0.055	18.183	0.057	18.197	0.126	18.205	0.154
15.508	-0.025	15.521	-0.053	15.536	-0.060	15.552	-0.053	18.222	0.183	18.241	0.156	18.255	0.115	18.265	0.055
15.567	-0.039	15.579	-0.032	15.593	-0.032	15.608	-0.039	18.277	0.061	18.287	0.061	18.302	0.097	18.318	0.119
15.621	-0.046	15.632	-0.046	15.642	-0.066	15.651	-0.094	18.338	0.134	18.357	0.149	18.364	0.122	18.375	0.066
15.661	-0.122	15.673	-0.143	15.686	-0.101	15.692	-0.052	18.385	0.025	18.398	-0.044	18.406	-0.086	18.415	-0.113
15.702	0.040	15.711	0.110	15.720	0.166	15.725	0.194	18.425	-0.126	18.437	-0.140	18.454	-0.111	18.464	-0.087
15.734	0.222	15.747	0.237	15.760	0.244	15.775	0.252	18.478	0.016	18.490	0.059	18.501	0.095	18.519	0.089
15.788	0.259	15.801	0.245	15.810	0.239	15.818	0.232	18.533	0.068	18.545	0.034	18.558	0.021	18.574	0.050
15.830	0.246	15.843	0.246	15.855	0.219	15.869	0.156	18.590	0.072	18.603	0.107	18.615	0.122	18.630	0.151
15.878	0.114	15.889	0.058	15.899	0.030	15.909	0.010	18.640	0.165	18.661	0.139	18.685	0.106	18.705	0.056
15.924	0.024	15.939	0.059	15.948	0.073	15.969	0.031	18.724	-0.018	18.736	-0.009	18.747	-0.036	18.764	-0.041
15.977	0.010	15.986	-0.032	15.997	-0.032	16.012	-0.032	18.781	-0.095	18.804	-0.156	18.816	-0.225	18.825	-0.259
16.022	-0.046	16.035	-0.074	16.046	-0.074	16.057	-0.059	18.839	-0.265	18.855	-0.265	18.876	-0.227	18.888	-0.177
16.068	-0.031	16.086	-0.044	16.097	-0.093	16.110	-0.142	18.900	-0.119	18.912	-0.051	18.927	-0.090	18.943	-0.117
16.117	-0.176	16.126	-0.211	16.133	-0.189	16.146	-0.161	18.956	-0.165	18.968	-0.171	18.986	-0.142	18.998	-0.120
16.155	-0.165	16.165	-0.138	16.186	-0.151	16.194	-0.192	19.019	-0.104	19.039	-0.081	19.057	-0.107	19.069	-0.148
16.204	-0.227	16.214	-0.289	16.223	-0.309	16.239	-0.329	19.082	-0.182	19.092	-0.202	19.107	-0.166	19.120	-0.129
16.254	-0.308	16.266	-0.272	16.281	-0.243	16.293	-0.187	19.137	-0.114	19.150	-0.058	19.168	-0.110	19.183	-0.067
16.307	-0.144	16.318	-0.123	16.326	-0.109	16.340	-0.115	19.158	-0.037	19.171	-0.013	19.224	-0.035	19.236	-0.005
16.351	-0.142	16.358	-0.163	16.366	-0.184	16.378	-0.211	19.249	-0.032	19.263	-0.053	19.272	-0.134	19.283	-0.161
16.387	-0.218	16.401	-0.239	16.416	-0.217	16.426	-0.196	19.256	-0.139	19.306	-0.123	19.320	-0.101	19.340	-0.134
16.434	-0.161	16.443	-0.146	16.453	-0.132	16.467	-0.160	19.354	-0.202	19.365	-0.236	19.382	-0.255	19.398	-0.233
16.474	-0.187	16.488	-0.187	16.503	-0.187	16.516	-0.180	19.415	-0.232	19.429	-0.217	19.453	-0.153	19.481	-0.075
16.534	-0.144	16.550	-0.095	16.570	-0.060	16.585	-0.032	19.507	-0.018	19.524	0.045	19.538	0.087	19.550	0.107
16.558	0.011	16.612	0.039	16.626	0.067	16.635	0.109	19.571	0.052	19.592	0.003	19.609	-0.052	19.625	-0.079
16.643	0.130	16.657	0.145	16.669	0.152	16.683	0.146	19.637	-0.093	19.654	-0.029	19.675	0.035	19.693	0.148
16.700	0.125	16.715	0.105	16.732	0.063	16.747	0.043	19.710	0.233	19.729	0.263	19.734	0.264	19.751	0.209
16.759	0.008	16.774	-0.005	16.784	-0.019	16.797	-0.018	19.712	0.107	19.791	0.053	19.805	-0.037	19.814	-0.064
16.813	-0.018	16.827	-0.017	16.834	0.004	16.844	0.025	19.822	-0.092	19.839	-0.104	19.861	-0.131	19.889	-0.128
16.854	0.039	16.862	0.054	16.875	0.075	16.890	0.027	19.917	-0.105	19.938	-0.104	19.958	-0.104	19.979	-0.110
16.906	0.006	16.925	-0.007	16.940	-0.014	16.958	-0.027	19.990	-0.081	20.004	-0.053	20.022	-0.024	20.038	-0.030
16.972	-0.027	16.986	-0.034	17.001	-0.033	17.010	-0.012	20.051	-0.016	20.063	0.005	20.078	0.034	20.090	0.062
17.019	0.016	17.029	0.058	17.039	0.086	17.047	0.114	20.101	0.083	20.113	0.063	20.124	0.042	20.136	0.014
17.056	0.142	17.063	0.163	17.076	0.185	17.090	0.164	20.144	0.001	20.161	0.015	20.179	0.058	20.192	0.073
17.100	0.130	17.109	0.109	17.117	0.095	17.126	0.075	20.210	0.088	20.224	0.117	20.240	0.167	20.253	0.196
17.135	0.061	17.145	0.061	17.155	0.083	17.167	0.118	20.266	0.225	20.283	0.261	20.300	0.220	20.312	0.207
17.175	0.160	17.182	0.182	17.193	0.141	17.203	0.092	20.333	0.251	20.365	0.261	20.366	0.261	20.383	0.213
17.213	0.044	17.219	0.010	17.230	-0.025	17.243	-0.066	20.402	0.131	20.419	0.034	20.436	0.000	20.458	0.002
17.251	-0.086	17.260	-0.120	17.269	-0.148	17.280	-0.155	20.481	0.018	20.494	0.061	20.507	0.090	20.518	0.119
17.297	-0.112	17.307	-0.084	17.317	-0.035	17.330	0.007	20.529	0.120	20.545	0.080	20.578	0.006	20.600	-0.003
17.338	0.063	17.345	0.098	17.357	0.126	17.375	0.127	20.611	-0.138	20.623	-0.151	20.636	-0.150	20.651	-0.101
17.386	0.126	17.395	0.154	17.406	0.175	17.423	0.146	20.668	-0.058	20.678	-0.036	20.692	0.007	20.702	0.029
17.438	0.118	17.452	0.075	17.467	0.033	17.474	-0.009	20.716	0.043	20.732	-0.005	20.752	-0.046	20.768	-0.081
17.487	-0.024	17.500	-0.031	17.517	-0.010	17.531	0.046	20.777	-0.095	20.792	-0.054	20.810	-0.065	20.828	-0.051
17.541	0.073	17.549	0.101	17.561	0.108	17.577	0.080	20.849	-0.015	20.816	-0.000	20.894	0.008	20.911	0.029

20.924	0.043	20.939	0.071	20.953	0.121	20.971	0.135	23.886	-0.007	23.900	-0.026	23.914	-0.053	23.931	-0.086
20.934	0.093	21.003	0.045	21.014	0.003	21.035	-0.010	23.952	-0.070	23.969	-0.040	23.982	-0.053	23.995	-0.023
20.940	0.060	21.067	0.110	21.083	0.159	21.105	0.133	24.012	-0.000	24.025	0.014	24.038	0.030	24.052	0.031
21.050	0.078	21.153	0.025	21.176	-0.001	21.203	-0.026	24.065	0.025	24.084	0.013	24.101	0.000	24.119	0.012
21.258	-0.024	21.258	-0.028	21.281	-0.033	21.315	-0.045	24.138	-0.032	24.156	-0.058	24.171	-0.064	24.188	-0.056
21.349	-0.042	21.367	-0.076	21.380	-0.117	21.397	-0.137	24.209	-0.054	24.224	-0.053	24.233	-0.059	24.245	-0.058
21.428	-0.064	21.451	-0.034	21.476	0.010	21.491	0.011	24.259	-0.057	24.272	-0.056	24.281	-0.055	24.294	-0.048
21.508	0.013	21.535	0.015	21.554	0.017	21.572	0.012	24.311	-0.046	24.320	-0.059	24.335	-0.093	24.347	-0.113
21.588	-0.007	21.618	0.002	21.630	0.045	21.647	0.026	24.361	-0.140	24.373	-0.160	24.386	-0.158	24.403	-0.143
21.668	-0.049	21.690	-0.110	21.704	-0.109	21.721	-0.107	24.416	-0.120	24.435	-0.069	24.446	-0.054	24.463	-0.045
21.733	-0.106	21.744	-0.126	21.757	-0.160	21.768	-0.180	24.475	-0.058	24.485	-0.063	24.500	-0.076	24.518	-0.046
21.776	-0.194	21.786	-0.172	21.797	-0.115	21.807	-0.066	24.535	-0.017	24.552	-0.002	24.564	0.013	24.577	0.000
21.822	-0.016	21.834	0.034	21.847	0.050	21.863	0.072	24.589	-0.006	24.606	0.016	24.627	0.032	24.641	0.018
21.885	0.067	21.904	0.090	21.920	0.092	21.932	0.086	24.656	0.005	24.674	0.005	24.692	-0.022	24.708	-0.043
21.944	0.073	21.953	0.059	21.962	0.052	21.969	0.052	24.729	-0.056	24.744	-0.049	24.764	-0.035	24.779	-0.008
21.976	0.052	21.992	0.038	22.000	0.031	22.012	0.010	24.802	0.022	24.815	0.009	24.832	-0.011	24.847	-0.017
22.023	-0.031	22.031	-0.032	22.042	-0.018	22.052	-0.004	24.862	-0.030	24.872	-0.030	24.886	-0.029	24.898	-0.035
22.062	0.054	22.082	0.060	22.095	0.060	22.102	0.074	24.907	-0.056	24.915	-0.062	24.933	-0.054	24.946	-0.033
22.118	0.054	22.131	0.054	22.144	0.040	22.157	0.041	24.960	-0.010	24.970	0.033	24.980	0.048	24.994	0.063
22.165	-0.041	22.225	-0.047	22.236	-0.014	22.205	-0.028	25.009	0.051	25.027	0.045	25.041	0.026	25.052	0.013
22.257	0.011	22.267	0.011	22.280	0.012	22.292	0.006	25.064	0.049	25.079	0.058	25.093	0.066	25.108	0.061
22.300	-0.001	22.312	-0.007	22.322	-0.007	22.332	-0.006	25.129	0.063	25.141	0.072	25.153	0.080	25.173	0.069
22.348	-0.005	22.358	-0.012	22.371	-0.018	22.384	-0.025	25.257	-0.088	25.274	-0.128	25.292	-0.168	25.315	-0.138
22.401	-0.031	22.413	-0.030	22.421	-0.030	22.432	-0.029	25.330	-0.122	25.345	-0.092	25.359	-0.084	25.375	-0.075
22.444	-0.043	22.452	-0.063	22.463	-0.070	22.478	-0.090	25.368	-0.073	25.402	-0.072	25.414	-0.092	25.430	-0.063
22.489	-0.075	22.498	-0.061	22.509	-0.039	22.519	-0.032	25.443	-0.048	25.455	-0.056	25.472	-0.017	25.491	-0.023
22.527	-0.032	22.537	-0.052	22.544	-0.066	22.553	-0.080	25.508	-0.043	25.523	-0.056	25.538	-0.062	25.549	-0.075
22.570	-0.051	22.583	-0.002	22.594	0.006	22.610	-0.001	25.562	-0.081	25.577	-0.108	25.590	-0.128	25.601	-0.135
22.620	-0.001	22.633	-0.000	22.648	-0.007	22.662	-0.048	25.611	-0.134	25.625	-0.133	25.643	-0.111	25.659	-0.075
22.676	-0.082	22.685	-0.103	22.699	-0.117	22.712	-0.095	25.673	-0.046	25.690	-0.031	25.706	-0.023	25.723	-0.008
22.725	-0.060	22.736	-0.031	22.746	-0.003	22.756	0.032	25.740	0.007	25.757	0.043	25.771	0.065	25.785	0.093
22.770	0.054	22.778	0.068	22.787	0.075	22.800	0.055	25.799	0.108	25.813	0.109	25.828	0.110	25.842	0.118
22.811	0.041	22.824	0.021	22.835	-0.021	22.848	-0.041	25.853	0.140	25.867	0.154	25.880	0.155	25.895	0.142
22.859	-0.062	22.870	-0.082	22.881	-0.056	22.896	-0.074	25.909	0.129	25.927	0.081	25.944	0.013	25.957	-0.021
22.945	0.053	22.958	0.074	22.965	0.110	22.976	0.152	25.965	-0.056	25.980	-0.001	25.993	-0.053	26.006	-0.024
22.990	0.173	23.002	0.146	23.014	0.125	23.026	0.104	26.017	-0.010	26.033	-0.030	26.046	0.007	26.058	0.008
23.041	0.077	23.052	0.035	23.062	0.008	23.071	-0.013	26.069	0.016	26.078	0.030	26.089	0.045	26.101	0.053
23.090	-0.034	23.103	-0.006	23.110	0.029	23.122	0.071	26.114	0.047	26.124	0.033	26.139	0.020	26.151	0.007
23.134	0.078	23.154	0.092	23.162	0.086	23.173	0.086	26.162	0.008	26.170	0.009	26.182	0.009	26.192	0.038
23.181	0.093	23.190	0.100	23.203	0.107	23.216	0.107	26.209	0.046	26.221	0.047	26.241	0.055	26.256	0.057
23.228	0.066	23.238	0.093	23.249	0.079	23.263	0.066	26.271	0.051	26.283	0.037	26.300	0.003	26.311	-0.017
23.273	0.066	23.285	0.066	23.295	0.059	23.310	0.052	26.326	-0.023	26.341	-0.015	26.355	-0.000	26.366	0.000
23.322	0.045	23.335	0.045	23.348	0.045	23.359	0.038	26.383	0.001	26.394	0.002	26.402	0.003	26.416	0.003
23.371	0.024	23.377	0.024	23.384	0.024	23.398	0.010	26.428	0.025	26.447	0.040	26.464	0.000	26.477	-0.013
23.410	-0.004	23.421	-0.032	23.432	-0.031	23.441	-0.045	26.489	-0.026	26.501	-0.032	26.513	-0.045	26.525	-0.022
23.445	-0.052	23.457	-0.058	23.468	-0.058	23.483	-0.050	26.541	0.007	26.556	0.029	26.566	0.051	26.581	0.045
23.455	-0.043	23.507	-0.014	23.516	-0.006	23.525	0.002	26.593	0.053	26.605	0.055	26.618	0.042	26.635	0.015
23.534	0.003	23.545	0.011	23.554	0.012	23.565	0.013	26.648	-0.005	26.663	-0.031	26.678	-0.030	26.688	-0.029
23.578	0.028	23.589	0.029	23.604	0.044	23.614	0.073	26.698	-0.021	26.708	-0.027	26.720	-0.047	26.731	-0.060
23.628	0.102	23.640	0.131	23.652	0.139	23.674	0.155	26.744	-0.073	26.755	-0.079	26.766	-0.072	26.774	-0.071
23.690	0.149	23.705	0.137	23.717	0.117	23.731	0.055	26.785	-0.006	26.795	-0.064	26.805	-0.063	26.821	-0.041
23.739	0.021	23.748	-0.014	23.760	-0.034	23.770	-0.047	26.836	-0.006	26.851	-0.016	26.865	-0.023	26.880	-0.038
23.783	-0.060	23.794	-0.073	23.808	-0.071	23.821	-0.063	26.893	0.032	26.908	0.011	26.920	-0.009	26.938	-0.016
23.831	-0.048	23.843	-0.033	23.855	-0.010	23.874	0.013	26.941	-0.029	26.953	-0.035	26.969	-0.042	26.983	-0.027
								26.996	-0.012	27.008	0.002	27.021	0.010	27.039	0.017

27.046	0.032	27.060	0.012	27.079	-0.001	27.092	-0.014	30.066	-0.109	30.016	-0.122	30.025	-0.135	30.039	-0.113
27.103	-0.027	27.112	-0.026	27.126	-0.025	27.136	-0.024	30.054	-0.105	30.066	-0.083	30.081	-0.075	30.091	-0.068
27.150	-0.030	27.163	-0.029	27.177	-0.041	27.188	-0.041	30.104	-0.088	30.117	-0.055	30.134	-0.108	30.150	-0.093
27.201	-0.039	27.208	-0.046	27.219	-0.045	27.234	-0.022	30.165	-0.085	30.175	-0.077	30.188	-0.077	30.211	-0.076
27.246	-0.021	27.256	-0.020	27.271	-0.011	27.282	-0.003	30.224	-0.061	30.233	-0.060	30.242	-0.053	30.259	-0.087
27.256	-0.002	27.306	-0.022	27.324	-0.027	27.339	-0.011	30.272	-0.101	30.285	-0.114	30.306	-0.113	30.318	-0.092
27.352	-0.011	27.368	-0.013	27.382	-0.028	27.395	-0.030	30.332	-0.070	30.345	-0.063	30.356	-0.062	30.367	-0.062
27.408	-0.031	27.420	-0.039	27.437	-0.034	27.450	-0.036	30.376	-0.060	30.388	-0.054	30.401	-0.025	30.412	-0.010
27.464	-0.016	27.479	-0.004	27.491	-0.002	27.504	-0.014	30.425	-0.024	30.436	-0.039	30.446	-0.039	30.451	-0.019
27.516	-0.020	27.524	-0.026	27.534	-0.025	27.547	-0.024	30.414	-0.001	30.445	-0.014	30.499	-0.007	30.513	-0.029
27.556	-0.023	27.568	-0.015	27.578	-0.014	27.589	-0.013	30.530	-0.037	30.545	-0.031	30.558	-0.011	30.571	-0.002
27.604	-0.033	27.617	-0.046	27.628	-0.045	27.636	-0.058	30.550	-0.015	30.598	-0.022	30.607	-0.027	30.616	-0.027
27.650	-0.056	27.660	-0.041	27.675	-0.033	27.690	-0.025	30.626	-0.041	30.636	-0.047	30.646	-0.038	30.661	-0.038
27.700	-0.024	27.711	-0.017	27.726	-0.016	27.734	-0.015	30.677	-0.009	30.689	-0.013	30.702	-0.049	30.715	-0.057
27.743	-0.029	27.751	-0.028	27.762	-0.028	27.778	-0.027	30.729	-0.058	30.741	-0.034	30.751	-0.025	30.764	-0.026
27.795	-0.068	27.807	-0.081	27.819	-0.080	27.829	-0.066	30.775	-0.033	30.787	-0.034	30.801	-0.021	30.815	-0.005
27.843	-0.058	27.853	-0.057	27.869	-0.071	27.879	-0.084	30.834	-0.025	30.844	-0.045	30.855	-0.037	30.868	-0.029
27.891	-0.047	27.905	-0.076	27.915	-0.062	27.928	-0.054	30.884	-0.020	30.898	-0.019	30.911	-0.025	30.926	-0.030
27.941	-0.047	27.960	-0.060	27.973	-0.066	27.988	-0.066	30.941	-0.036	30.956	-0.041	30.969	-0.047	30.979	-0.067
28.001	-0.065	28.014	-0.065	28.029	-0.071	28.041	-0.078	30.994	-0.080	31.007	-0.052	31.020	-0.105	31.032	-0.118
28.051	-0.091	28.062	-0.090	28.069	-0.090	28.079	-0.096	31.048	-0.123	31.060	-0.122	31.073	-0.128	31.085	-0.127
28.090	-0.095	28.103	-0.101	28.119	-0.093	28.132	-0.071	31.098	-0.119	31.113	-0.118	31.127	-0.102	31.140	-0.094
28.144	-0.057	28.159	-0.056	28.169	-0.055	28.180	-0.061	31.158	-0.086	31.174	-0.070	31.189	-0.055	31.202	-0.054
28.166	-0.081	28.208	-0.101	28.219	-0.114	28.231	-0.120	31.212	-0.053	31.226	-0.044	31.240	-0.057	31.255	-0.084
28.247	-0.132	28.262	-0.117	28.274	-0.102	28.293	-0.086	31.270	-0.089	31.283	-0.055	31.296	-0.094	31.305	-0.072
28.308	-0.057	28.325	-0.014	28.340	-0.001	28.356	-0.010	31.318	-0.064	31.331	-0.049	31.348	-0.034	31.363	-0.039
28.348	-0.018	28.396	-0.020	28.411	-0.021	28.426	-0.029	31.373	-0.039	31.366	-0.031	31.399	-0.057	31.413	-0.070
28.448	-0.030	28.468	-0.053	28.487	-0.068	28.500	-0.083	31.426	-0.083	31.440	-0.082	31.456	-0.080	31.472	-0.065
28.514	-0.084	28.528	-0.084	28.540	-0.085	28.558	-0.086	31.486	-0.064	31.503	-0.048	31.522	-0.040	31.537	-0.024
28.573	-0.101	28.586	-0.102	28.601	-0.103	28.617	-0.104	31.555	-0.023	31.567	-0.015	31.578	-0.007	31.586	-0.001
28.632	-0.098	28.649	-0.078	28.666	-0.051	28.683	-0.017	31.598	-0.009	31.607	-0.003	31.623	-0.010	31.636	-0.008
28.697	-0.003	28.711	-0.002	28.724	-0.008	28.735	-0.021	31.649	-0.007	31.667	-0.008	31.681	-0.024	31.695	-0.032
28.749	-0.007	28.760	-0.001	28.770	-0.016	28.787	-0.031	31.708	-0.039	31.720	-0.040	31.732	-0.048	31.744	-0.049
28.802	-0.017	28.820	-0.010	28.830	-0.037	28.843	-0.050	31.759	-0.049	31.769	-0.050	31.781	-0.051	31.795	-0.052
28.859	-0.037	28.873	-0.035	28.894	-0.006	28.908	-0.023	31.809	-0.052	31.822	-0.053	31.833	-0.054	31.847	-0.055
28.916	-0.037	28.924	-0.052	28.937	-0.073	28.947	-0.067	31.858	-0.062	31.877	-0.064	31.891	-0.064	31.906	-0.065
28.960	-0.061	28.971	-0.054	28.981	-0.041	28.991	-0.034	31.922	-0.059	31.935	-0.053	31.949	-0.053	31.959	-0.054
29.004	-0.028	29.016	-0.036	29.027	-0.036	29.044	-0.044	31.971	-0.068	31.988	-0.059	32.001	-0.055	32.020	-0.056
29.053	-0.045	29.063	-0.045	29.077	-0.039	29.092	-0.033	32.036	-0.042	32.048	-0.043	32.066	-0.029	32.085	-0.009
29.107	-0.020	29.123	-0.007	29.141	-0.020	29.153	-0.033	32.099	-0.003	32.119	-0.010	32.140	-0.016	32.159	-0.030
29.166	-0.054	29.181	-0.081	29.191	-0.087	29.200	-0.094	32.175	-0.043	32.192	-0.049	32.206	-0.027	32.217	-0.013
29.212	-0.093	29.227	-0.085	29.237	-0.056	29.251	-0.049	32.226	-0.013	32.243	-0.012	32.258	-0.018	32.273	-0.031
29.261	-0.041	29.274	-0.041	29.284	-0.040	29.294	-0.047	32.288	-0.044	32.299	-0.050	32.311	-0.050	32.322	-0.049
29.309	-0.060	29.322	-0.038	29.339	-0.031	29.352	-0.009	32.336	-0.048	32.354	-0.081	32.368	-0.074	32.383	-0.101
29.367	-0.008	29.376	-0.006	29.388	-0.020	29.403	-0.028	32.395	-0.122	32.410	-0.107	32.424	-0.106	32.440	-0.091
29.412	-0.036	29.425	-0.050	29.439	-0.072	29.448	-0.072	32.455	-0.083	32.474	-0.075	32.485	-0.053	32.499	-0.045
29.461	-0.080	29.474	-0.073	29.485	-0.060	29.501	-0.047	32.508	-0.031	32.520	-0.023	32.531	-0.015	32.545	-0.007
29.511	-0.047	29.526	-0.041	29.541	-0.028	29.555	-0.015	32.560	-0.006	32.573	-0.009	32.584	-0.016	32.596	-0.017
29.567	-0.001	29.582	-0.005	29.601	-0.010	29.615	-0.025	32.606	-0.025	32.627	-0.026	32.637	-0.027	32.649	-0.035
29.634	-0.026	29.647	-0.019	29.660	-0.008	29.675	-0.028	32.662	-0.037	32.674	-0.032	32.688	-0.039	32.700	-0.040
29.688	-0.006	29.703	-0.017	29.716	-0.025	29.736	-0.027	32.710	-0.041	32.724	-0.036	32.734	-0.022	32.746	-0.017
29.752	-0.000	29.766	-0.027	29.779	-0.032	29.796	-0.017	32.763	-0.032	32.776	-0.003	32.790	-0.035	32.802	-0.043
29.814	-0.006	29.827	-0.007	29.835	-0.001	29.847	-0.005	32.826	-0.024	32.841	-0.002	32.854	-0.029	32.865	-0.028
29.863	-0.017	29.874	-0.009	29.892	-0.008	29.900	-0.007	32.878	-0.027	32.898	-0.024	32.907	-0.023	32.916	-0.022
29.912	-0.013	29.921	-0.012	29.930	-0.011	29.942	-0.024	32.931	-0.027	32.954	-0.040	32.964	-0.045	32.984	-0.037
29.955	-0.023	29.968	-0.042	29.980	-0.062	29.994	-0.089	32.975	-0.036	32.987	-0.057	33.000	-0.018	33.016	-0.010

33.026	-0.015	33.041	-0.014	33.058	-0.012	33.068	-0.004	35.663	0.081	35.675	0.034	35.689	-0.021	35.700	-0.062
33.079	-0.004	33.087	0.005	33.103	0.014	33.111	0.015	35.714	-0.067	35.726	-0.073	35.740	-0.085	35.754	-0.105
33.123	0.016	33.135	0.003	33.149	-0.009	33.159	-0.022	35.767	-0.117	35.782	-0.120	35.797	-0.135	35.810	-0.133
33.173	-0.034	33.182	-0.040	33.189	-0.047	33.197	-0.046	35.822	-0.047	35.837	-0.067	35.845	-0.066	35.856	-0.072
33.209	-0.038	33.222	-0.050	33.234	-0.056	33.244	-0.062	35.865	-0.050	35.879	-0.041	35.895	-0.019	35.907	-0.073
33.255	-0.068	33.267	-0.074	33.285	-0.051	33.294	-0.029	35.922	-0.043	35.933	-0.044	35.953	-0.012	35.962	-0.060
33.307	0.007	33.319	0.016	33.330	0.024	33.340	0.025	35.971	-0.032	35.985	-0.022	35.999	-0.013	36.013	0.023
33.355	0.026	33.368	0.028	33.379	0.036	33.393	0.038	36.034	0.026	36.044	0.048	36.058	0.029	36.076	0.004
33.468	0.020	33.423	0.001	33.434	-0.025	33.449	-0.057	36.088	0.026	36.105	0.028	36.120	0.051	36.141	0.047
33.470	-0.047	33.483	-0.024	33.494	-0.022	33.527	-0.023	36.151	0.014	36.172	-0.045	36.177	-0.004	36.196	0.027
33.537	-0.014	33.550	-0.005	33.570	0.005	33.584	0.022	36.208	0.001	36.218	-0.019	36.233	-0.037	36.245	-0.043
33.593	0.030	33.607	0.039	33.625	0.014	33.635	0.001	36.260	-0.006	36.275	-0.004	36.281	-0.045	36.298	-0.036
33.644	-0.003	33.656	-0.004	33.668	-0.006	33.686	0.002	36.308	-0.006	36.326	0.045	36.338	0.053	36.354	0.049
33.704	-0.002	33.718	-0.028	33.731	-0.033	33.746	-0.038	36.368	0.064	36.380	0.066	36.392	0.060	36.410	0.042
33.759	-0.036	33.770	-0.035	33.779	-0.040	33.797	-0.045	36.418	0.015	36.435	0.024	36.447	0.018	36.468	0.040
33.813	-0.029	33.823	-0.028	33.835	-0.026	33.845	-0.025	36.479	0.020	36.457	0.064	36.510	0.078	36.530	0.121
33.855	-0.017	33.865	-0.001	33.876	-0.007	33.886	-0.006	36.536	0.054	36.551	0.059	36.566	0.053	36.578	-0.009
33.897	0.002	33.911	0.004	33.923	-0.015	33.937	-0.028	36.588	0.012	36.601	-0.008	36.612	-0.035	36.624	-0.041
33.948	-0.026	33.960	-0.039	33.971	-0.016	33.982	-0.001	36.641	0.003	36.654	0.025	36.667	0.061	36.681	0.076
33.992	0.014	34.005	0.022	34.014	0.044	34.026	0.032	36.705	0.078	36.717	0.079	36.733	0.081	36.748	0.069
34.035	0.019	34.049	-0.000	34.059	-0.020	34.061	-0.048	36.761	-0.007	36.769	-0.006	36.787	-0.011	36.807	0.005
34.067	-0.075	34.076	-0.095	34.089	-0.107	34.099	-0.112	36.826	0.020	36.834	-0.028	36.844	-0.013	36.860	0.044
34.109	-0.117	34.122	-0.115	34.135	-0.120	34.145	-0.104	36.868	0.037	36.884	0.038	36.896	0.039	36.913	0.075
34.156	-0.103	34.168	-0.108	34.180	-0.106	34.192	-0.105	36.926	0.062	36.940	0.048	36.954	0.014	36.969	-0.006
34.203	-0.068	34.212	-0.047	34.221	-0.039	34.232	-0.018	36.985	-0.012	36.995	-0.005	37.011	0.017	37.025	0.038
34.238	-0.010	34.247	-0.012	34.256	-0.001	34.265	-0.007	37.039	0.053	37.057	0.123	37.070	0.110	37.085	0.062
34.275	0.015	34.283	-0.026	34.296	-0.031	34.304	-0.037	37.092	0.034	37.107	0.007	37.120	0.015	37.136	0.017
34.316	-0.014	34.326	-0.013	34.332	-0.012	34.340	-0.003	37.156	0.039	37.169	0.005	37.183	-0.000	37.192	-0.007
34.339	0.032	34.361	0.069	34.371	0.029	34.388	0.039	37.206	-0.005	37.217	-0.033	37.232	-0.024	37.249	0.022
34.399	0.040	34.412	0.028	34.423	0.044	34.432	0.031	37.264	-0.034	37.283	-0.018	37.299	-0.009	37.317	-0.028
34.444	-0.002	34.455	-0.035	34.465	-0.061	34.470	-0.081	37.333	-0.026	37.346	-0.006	37.366	-0.085	37.375	-0.091
34.477	-0.115	34.489	-0.127	34.501	-0.167	34.512	-0.158	37.397	-0.095	37.409	-0.066	37.419	-0.051	37.432	-0.028
34.520	-0.191	34.528	-0.176	34.538	-0.160	34.547	-0.138	37.449	-0.033	37.464	-0.024	37.479	-0.022	37.497	-0.027
34.555	-0.129	34.565	-0.100	34.573	-0.099	34.583	-0.084	37.514	0.004	37.527	0.005	37.544	0.022	37.560	0.059
34.594	-0.062	34.605	-0.047	34.615	-0.039	34.625	-0.003	37.568	0.011	37.582	0.013	37.598	0.015	37.610	0.002
34.629	-0.030	34.641	-0.029	34.659	-0.013	34.669	-0.034	37.625	-0.011	37.635	-0.038	37.650	-0.050	37.664	-0.035
34.680	-0.040	34.687	-0.046	34.700	-0.038	34.709	-0.022	37.679	-0.040	37.693	-0.032	37.709	-0.030	37.729	-0.028
34.716	-0.000	34.729	0.050	34.738	0.065	34.751	0.102	37.744	-0.034	37.758	-0.039	37.773	-0.045	37.789	-0.058
34.760	0.089	34.770	0.055	34.783	0.036	34.799	0.024	37.811	-0.056	37.828	-0.054	37.846	-0.067	37.868	-0.037
34.808	0.025	34.817	-0.023	34.830	-0.029	34.842	-0.027	37.882	-0.028	37.895	-0.020	37.913	-0.004	37.930	0.005
34.854	-0.054	34.868	-0.059	34.885	-0.013	34.895	-0.056	37.949	-0.014	37.966	-0.012	37.978	-0.025	37.999	0.006
34.909	-0.041	34.921	-0.074	34.933	-0.066	34.947	-0.057	38.014	-0.021	38.026	-0.012	38.039	-0.046	38.056	-0.030
34.960	-0.034	34.972	-0.054	34.980	-0.053	34.987	-0.031	38.070	-0.015	38.086	0.001	38.100	-0.046	38.116	-0.024
34.999	-0.016	35.009	-0.001	35.021	0.015	35.032	0.009	38.130	-0.043	38.149	-0.034	38.167	-0.018	38.181	-0.024
35.045	0.038	35.057	0.067	35.071	0.027	35.084	0.043	38.199	-0.043	38.217	-0.027	38.233	-0.047	38.253	0.032
35.093	0.001	35.110	0.010	35.123	0.018	35.138	-0.022	38.263	-0.051	38.284	-0.034	38.306	-0.026	38.328	0.011
35.153	-0.035	35.165	-0.041	35.180	0.017	35.194	-0.045	38.354	-0.008	38.371	-0.028	38.371	-0.041	38.390	-0.004
35.204	-0.072	35.218	-0.085	35.238	-0.069	35.249	-0.040	38.410	0.011	38.425	-0.036	38.445	0.001	38.470	0.024
35.260	0.011	35.272	0.102	35.284	0.090	35.292	0.048	38.500	-0.017	38.500	-0.043	38.516	-0.054	38.535	-0.058
35.314	0.058	35.319	0.009	35.334	-0.023	35.344	-0.050	38.553	-0.006	38.569	-0.029	38.584	-0.022	38.597	0.001
35.352	-0.049	35.364	-0.061	35.388	0.005	35.395	-0.043	38.610	-0.024	38.627	0.007	38.642	0.009	38.656	-0.009
35.408	-0.097	35.413	-0.145	35.431	-0.150	35.449	-0.112	38.674	0.015	38.688	0.024	38.700	-0.019	38.719	-0.033
35.467	-0.088	35.479	-0.135	35.496	-0.106	35.512	-0.134	38.743	-0.014	38.755	-0.013	38.775	-0.017	38.790	-0.025
35.522	-0.146	35.537	-0.158	35.547	-0.144	35.556	-0.143	38.806	-0.025	38.821	-0.017	38.839	-0.017	38.852	-0.023
35.577	-0.092	35.587	-0.099	35.600	-0.056	35.610	-0.027	38.864	-0.037	38.881	-0.008	38.896	-0.029	38.909	-0.028
35.620	0.029	35.630	0.072	35.640	0.087	35.651	0.094	38.922	-0.006	38.937	0.058	38.944	0.073	38.956	0.011

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38.573	0.041	38.994	0.036	39.006	0.024	39.019	0.039
39.035	0.027	39.043	-0.021	39.060	-0.019	39.074	-0.010
39.091	0.020	39.106	-0.013	39.123	-0.011	39.139	-0.030
39.149	-0.042	39.167	-0.019	39.183	-0.018	39.199	-0.030
39.207	-0.085	39.222	-0.049	39.231	-0.034	39.241	-0.054
39.262	-0.003	39.275	-0.036	39.287	-0.041	39.300	-0.047
39.313	-0.066	39.330	-0.050	39.352	-0.075	39.362	-0.059
39.374	-0.058	39.390	-0.027	39.408	0.004	39.423	0.007
39.441	0.003	39.453	-0.016	39.469	-0.006	39.487	-0.018
39.501	-0.050	39.516	-0.055	39.532	-0.060	39.547	-0.064
39.564	-0.069	39.580	-0.066	39.600	-0.070	39.615	-0.061
39.635	-0.065	39.646	-0.050	39.660	-0.034	39.678	-0.031
39.694	-0.050	39.711	-0.040	39.728	-0.024	39.743	-0.043
39.756	-0.041	39.773	-0.038	39.786	-0.036	39.805	-0.026
39.818	-0.018	39.832	-0.015	39.845	-0.013	39.860	0.009
39.873	0.003	39.886	0.018	39.898	-0.036	39.912	-0.042
39.925	-0.048	39.936	-0.061	39.953	-0.061	39.963	-0.039
39.975	-0.031	39.988	-0.038	40.003	-0.002	40.019	0.013
40.032	0.007	40.041	0.001	40.054	0.002	40.065	-0.004
40.079	-0.009	40.097	0.013	40.105	0.014	40.118	0.008
40.132	0.003	40.150	0.004	40.158	-0.009	40.173	-0.021
40.190	0.016	40.200	-0.017	40.211	-0.016	40.224	0.014
40.236	0.022	40.250	0.031	40.256	-0.045	40.271	-0.015
40.282	-0.035	40.294	-0.054	40.307	-0.018	40.321	0.005
40.337	-0.021	40.351	-0.034	40.372	0.004	40.379	-0.044
40.394	-0.036	40.408	0.001	40.424	-0.004	40.436	-0.003
40.450	0.012	40.460	0.006	40.477	0.001	40.495	0.003
40.501	-0.018	40.522	-0.002	40.544	0.000	40.556	-0.013
40.566	-0.040	40.585	-0.017	40.602	-0.022	40.619	-0.013
40.636	-0.040	40.639	-0.067	40.659	-0.051	40.669	-0.022
40.685	-0.041	40.699	-0.004	40.711	-0.037	40.718	0.006
40.732	0.008	40.743	-0.019	40.755	-0.024	40.770	-0.008
40.784	-0.005	40.795	-0.025	40.805	-0.016	40.822	-0.013
40.829	-0.005	40.846	-0.010	40.858	0.020	40.874	0.016
40.882	0.003	40.892	-0.002	40.905	0.007	40.920	0.031
40.934	0.039	40.947	0.006	40.958	0.007	40.967	-0.012
40.982	0.011	40.998	0.055	41.010	0.021	41.017	-0.013
41.032	-0.010	41.040	0.012	41.056	0.007	41.076	0.094
41.093	0.047	41.109	0.063	41.117	0.036	41.136	0.053
41.151	0.062	41.161	-0.006	41.179	0.066	41.194	0.048
41.211	0.078	41.219	0.038	41.236	0.040	41.254	0.008
41.262	0.010	41.282	0.048	41.301	0.037	41.314	-0.024
41.326	-0.001	41.343	0.029	41.357	0.046	41.366	0.047
41.383	0.071	41.393	0.073	41.408	0.089	41.423	0.070
41.438	0.073	41.447	0.018	41.472	0.071	41.482	0.079
41.455	0.032	41.517	0.063	41.531	0.044	41.544	0.032
41.567	0.063	41.582	-0.012	41.595	-0.011	41.609	-0.009
41.629	-0.034	41.640	-0.033	41.653	-0.053	41.667	-0.058
41.681	-0.063	41.692	-0.062	41.704	-0.060	41.718	-0.031
41.732	-0.029	41.747	-0.000	41.769	-0.020	41.789	0.002
41.807	0.053	41.826	-0.021	41.839	-0.004	41.850	-0.030
41.860	-0.031	41.865	-0.025	41.873	-0.033		

IR244

71.174 2/9/71 0600PT L.A. 222 FIGUEROA ST. 1ST FL. S37W

3240 POINTS 41.877 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES TERMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1981 G/10.

[illegible]

3.392	0.008	3.403	0.029	3.412	0.021	3.420	-0.008	5.578	-0.278	5.586	-0.259	5.593	-0.259	6.010	-0.207
3.428	-0.015	3.438	-0.002	3.449	0.033	3.461	0.060	6.019	-0.108	6.028	-0.065	6.042	-0.023	6.056	0.077
3.471	0.087	3.483	0.115	3.494	0.128	3.504	0.127	6.067	0.134	6.080	0.092	6.092	0.240	6.106	0.339
3.516	0.105	3.529	0.083	3.539	0.039	3.545	-0.004	6.115	0.417	6.124	0.481	6.133	0.524	6.151	0.503
3.553	-0.040	3.562	-0.076	3.573	-0.105	3.582	-0.113	6.163	0.456	6.173	0.418	6.184	0.355	6.191	0.320
3.556	-0.093	3.606	-0.044	3.620	0.033	3.629	0.089	6.208	0.342	6.215	0.363	6.228	0.293	6.240	0.145
3.637	0.123	3.652	0.136	3.663	0.129	3.676	0.092	6.252	0.046	6.256	-0.060	6.264	-0.123	6.268	-0.159
3.685	0.035	3.696	-0.022	3.705	-0.044	3.721	-0.009	6.274	-0.201	6.286	-0.157	6.303	-0.123	6.312	-0.142
3.732	0.004	3.742	0.025	3.750	0.046	3.759	0.024	6.334	-0.121	6.334	-0.052	6.343	-0.027	6.351	0.051
3.766	0.003	3.772	-0.005	3.786	0.002	3.799	0.023	6.364	0.215	6.372	0.321	6.378	0.371	6.390	0.366
3.813	0.015	3.826	0.029	3.843	0.071	3.859	0.113	6.401	0.401	6.412	0.433	6.422	0.452	6.432	0.481
3.870	0.126	3.890	0.104	3.902	0.076	3.915	0.061	6.445	0.474	6.462	0.433	6.480	0.405	6.490	0.419
3.925	0.054	3.937	0.053	3.948	0.038	3.960	-0.033	6.501	0.427	6.508	0.441	6.518	0.378	6.528	0.286
3.966	-0.069	3.975	-0.091	3.990	-0.042	4.001	0.043	6.557	0.201	6.551	0.109	6.561	0.046	6.571	0.003
4.011	0.106	4.020	0.162	4.030	0.169	4.040	0.140	6.583	-0.025	6.594	-0.103	6.606	-0.201	6.611	-0.293
4.051	0.057	4.059	0.061	4.071	0.060	4.081	0.045	6.621	-0.442	6.628	-0.541	6.635	-0.576	6.648	-0.597
4.053	0.002	4.101	-0.034	4.112	-0.062	4.122	-0.091	6.662	-0.555	6.676	-0.505	6.689	-0.470	6.701	-0.392
4.127	-0.106	4.137	-0.127	4.150	-0.128	4.159	-0.114	6.716	-0.292	6.728	-0.153	6.773	-0.080	6.748	0.019
4.174	-0.078	4.185	-0.029	4.195	-0.001	4.205	-0.001	6.756	0.133	6.765	0.162	6.773	0.225	6.785	0.147
4.218	0.006	4.229	-0.016	4.242	-0.051	4.247	-0.073	6.758	0.055	6.810	0.041	6.822	0.033	6.834	-0.094
4.255	-0.080	4.266	-0.044	4.277	0.012	4.289	0.048	6.844	-0.271	6.853	-0.321	6.863	-0.342	6.876	-0.307
4.301	0.069	4.311	0.097	4.320	0.104	4.331	0.104	6.854	-0.236	6.908	-0.156	6.928	-0.151	6.937	-0.080
4.347	0.076	4.361	0.002	4.373	-0.023	4.385	-0.037	6.951	0.054	6.961	0.156	6.970	0.288	6.977	0.330
4.395	-0.030	4.405	0.012	4.415	0.083	4.422	0.118	6.958	0.337	6.998	0.259	7.008	0.139	7.018	0.025
4.432	0.140	4.447	0.133	4.459	0.083	4.467	0.069	7.025	-0.088	7.042	-0.138	7.058	-0.209	7.072	-0.244
4.480	0.076	4.492	0.090	4.505	0.111	4.518	0.069	7.085	-0.294	7.094	-0.315	7.106	-0.308	7.126	-0.152
4.525	0.026	4.533	0.005	4.548	0.019	4.562	0.026	7.136	-0.032	7.141	0.060	7.153	0.138	7.163	0.173
4.571	0.005	4.581	-0.002	4.596	0.012	4.610	0.083	7.171	0.194	7.180	0.201	7.190	0.173	7.201	0.123
4.620	0.126	4.629	0.154	4.641	0.112	4.651	0.034	7.204	0.102	7.218	0.194	7.229	0.264	7.245	0.307
4.657	-0.051	4.664	-0.150	4.671	-0.186	4.681	-0.193	7.262	0.413	7.271	0.462	7.283	0.483	7.297	0.412
4.695	-0.143	4.707	-0.072	4.714	-0.036	4.722	-0.001	7.309	0.362	7.320	0.348	7.326	0.348	7.339	0.362
4.731	0.014	4.744	-0.015	4.754	-0.092	4.760	-0.128	7.350	0.355	7.361	0.363	7.372	0.376	7.382	0.305
4.767	-0.128	4.776	-0.092	4.785	-0.042	4.795	0.036	7.389	0.191	7.396	0.078	7.404	-0.029	7.410	-0.149
4.810	0.065	4.825	0.065	4.839	0.080	4.852	0.094	7.415	-0.234	7.420	-0.291	7.427	-0.319	7.433	-0.326
4.866	0.109	4.880	0.109	4.894	0.088	4.905	0.039	7.451	-0.213	7.462	-0.121	7.474	-0.036	7.481	0.013
4.917	0.010	4.938	0.032	4.954	0.032	4.968	0.039	7.453	0.034	7.507	0.041	7.515	0.070	7.527	0.140
4.984	0.040	5.001	0.068	5.017	0.118	5.028	0.139	7.534	0.162	7.548	0.162	7.561	0.091	7.572	0.041
5.042	0.111	5.057	0.097	5.074	0.104	5.093	0.083	7.567	-0.009	7.600	-0.023	7.615	-0.016	7.630	0.026
5.108	0.012	5.124	-0.044	5.135	-0.087	5.143	-0.094	7.640	0.069	7.655	0.133	7.664	0.189	7.673	0.288
5.151	-0.108	5.163	-0.052	5.173	-0.016	5.184	0.012	7.685	0.381	7.693	0.451	7.706	0.501	7.714	0.551
5.199	0.005	5.210	-0.023	5.223	-0.066	5.236	-0.108	7.724	0.657	7.734	0.756	7.743	0.834	7.749	0.891
5.250	-0.137	5.262	-0.151	5.279	-0.101	5.293	0.005	7.758	0.926	7.768	0.954	7.783	0.933	7.793	0.876
5.304	0.069	5.312	0.083	5.327	0.055	5.341	0.012	7.801	0.799	7.807	0.714	7.817	0.565	7.823	0.423
5.360	-0.002	5.380	-0.002	5.395	-0.002	5.412	0.012	7.831	0.274	7.840	0.133	7.847	0.005	7.855	-0.073
5.428	0.048	5.441	0.105	5.451	0.168	5.462	0.204	7.867	-0.094	7.876	-0.080	7.884	-0.073	7.895	-0.137
5.475	0.211	5.488	0.219	5.501	0.275	5.510	0.332	7.911	-0.285	7.920	-0.356	7.930	-0.427	7.938	-0.498
5.517	0.375	5.526	0.396	5.537	0.333	5.547	0.248	7.950	-0.576	7.958	-0.590	7.973	-0.562	7.985	-0.547
5.559	0.156	5.569	0.113	5.582	0.043	5.596	-0.035	8.006	-0.526	8.006	-0.563	8.024	-0.519	8.034	-0.498
5.607	-0.070	5.619	-0.077	5.632	-0.112	5.643	-0.126	8.046	-0.562	8.057	-0.563	8.063	-0.625	8.068	-0.640
5.656	-0.105	5.671	-0.091	5.685	-0.105	5.701	-0.062	8.075	-0.583	8.085	-0.547	8.097	-0.533	8.109	-0.540
5.717	0.006	5.733	0.008	5.750	0.022	5.764	0.043	8.127	-0.449	8.138	-0.576	8.147	-0.470	8.160	-0.448
5.777	0.064	5.792	0.064	5.807	0.007	5.817	-0.113	8.179	-0.449	8.193	-0.328	8.202	-0.201	8.212	-0.052
5.826	-0.248	5.833	-0.390	5.843	-0.525	5.853	-0.624	8.223	0.068	8.231	0.160	8.243	0.231	8.254	0.259
5.862	-0.688	5.869	-0.745	5.876	-0.759	5.890	-0.688	8.270	0.231	8.276	0.146	8.287	-0.024	8.292	-0.138
5.902	-0.568	5.912	-0.463	5.923	-0.405	5.933	-0.266	8.306	-0.266	8.314	-0.400	8.326	-0.528	8.331	-0.585
5.938	-0.221	5.946	-0.165	5.955	-0.143	5.965	-0.193	8.338	-0.684	8.346	-0.783	8.354	-0.875	8.361	-0.932

8.370	-0.561	8.380	-0.918	8.392	-0.756	8.397	-0.621	10.457	C.056	10.509	C.139	10.517	C.111	10.527	C.055
8.405	-0.451	8.410	-0.260	8.417	-0.090	8.421	0.037	10.537	-0.001	10.552	-0.043	10.559	-0.050	10.578	-0.035
8.425	0.193	8.432	0.370	8.435	0.483	8.439	0.625	10.568	-0.049	10.568	-0.006	10.568	-0.050	10.617	C.143
8.445	0.167	8.451	0.887	8.456	1.036	8.464	1.142	10.568	0.264	10.568	0.179	10.651	0.151	10.656	C.094
8.470	1.234	8.479	1.297	8.487	1.318	8.495	1.283	10.671	0.024	10.679	-0.039	10.689	-0.089	10.703	-0.138
8.503	1.158	8.509	1.070	8.516	0.571	8.521	0.879	10.711	-0.109	10.726	-0.034	10.733	-0.101	10.743	-0.200
8.531	0.766	8.548	0.708	8.556	0.623	8.567	0.481	10.752	-0.291	10.762	-0.038	10.767	-0.417	10.778	-0.438
8.574	0.347	8.581	0.212	8.589	0.035	8.598	-0.142	10.786	-0.387	10.793	-0.323	10.800	-0.259	10.809	-0.123
8.606	-0.298	8.612	-0.433	8.619	-0.546	8.625	-0.667	10.817	-0.009	10.826	-0.037	10.833	-0.225	10.841	0.311
8.630	-0.766	8.637	-0.787	8.645	-0.660	8.652	-0.469	10.849	0.382	10.865	C.461	10.870	C.426	10.882	0.412
8.684	-0.348	8.695	-0.214	8.707	-0.101	8.720	-0.009	10.892	0.363	10.902	0.322	10.916	0.301	10.923	C.294
8.729	0.069	8.743	0.154	8.752	0.189	8.762	0.317	10.931	C.316	10.943	C.344	10.953	C.255	10.964	0.231
8.773	0.480	8.779	0.579	8.789	0.685	8.801	0.770	10.976	0.146	10.986	0.083	10.996	0.005	11.008	-0.108
8.818	0.855	8.829	0.897	8.843	0.911	8.857	0.840	11.018	-0.207	11.028	-0.300	11.046	-0.363	11.051	-0.392
8.864	0.790	8.871	0.691	8.880	0.535	8.886	0.323	11.056	-0.363	11.064	-0.314	11.074	-0.215	11.081	-0.101
8.891	0.209	8.896	0.082	8.903	-0.103	8.908	-0.230	11.068	-0.002	11.077	0.050	11.102	C.168	11.115	0.288
8.916	-0.407	8.924	-0.514	8.931	-0.563	8.935	-0.571	11.122	C.303	11.134	0.366	11.143	0.260	11.150	0.048
8.948	-0.521	8.956	-0.465	8.965	-0.436	8.977	-0.430	11.162	C.057	11.169	C.040	11.182	-0.003	11.191	-0.031
8.989	-0.437	8.997	-0.472	9.012	-0.423	9.022	-0.338	11.200	-0.088	11.209	-0.230	11.222	-0.294	11.233	-0.358
9.032	-0.225	9.039	-0.105	9.050	0.001	9.059	0.114	11.242	-0.464	11.254	-0.451	11.263	-0.465	11.278	-0.437
9.066	-0.227	9.076	0.319	9.083	0.397	9.090	0.461	11.286	-0.473	11.303	-0.474	11.311	-0.454	11.320	-0.595
9.098	0.489	9.108	0.503	9.120	0.474	9.131	0.453	11.333	-0.610	11.341	-0.567	11.352	-0.454	11.360	-0.298
9.140	0.432	9.152	0.460	9.163	0.467	9.181	0.488	11.366	-0.206	11.376	-0.155	11.386	-0.000	11.392	0.092
9.188	0.495	9.200	0.445	9.212	0.318	9.222	0.204	11.399	0.155	11.409	0.155	11.427	C.135	11.445	0.121
9.230	0.105	9.240	0.091	9.252	0.133	9.262	0.168	11.460	0.122	11.462	0.066	11.476	C.038	11.498	0.067
9.275	0.204	9.294	0.140	9.308	0.097	9.327	0.069	11.508	0.040	11.528	C.133	11.533	0.055	11.545	0.042
9.341	0.062	9.358	0.076	9.377	0.118	9.393	0.147	11.556	-0.015	11.570	-0.049	11.581	-0.063	11.594	-0.048
9.409	0.168	9.419	0.189	9.434	0.211	9.448	0.218	11.602	-0.012	11.616	0.073	11.627	0.180	11.636	0.273
9.461	0.161	9.475	0.026	9.484	-0.073	9.496	-0.137	11.649	0.344	11.655	0.422	11.664	0.436	11.681	C.528
9.504	-0.179	9.515	-0.186	9.530	-0.108	9.550	0.069	11.694	0.628	11.700	0.635	11.711	0.670	11.720	0.614
9.558	0.161	9.567	0.225	9.580	0.296	9.591	0.352	11.727	C.550	11.735	C.548	11.744	C.317	11.757	0.118
9.601	0.381	9.608	0.388	9.620	0.338	9.630	0.246	11.765	-0.009	11.769	-0.129	11.780	-0.342	11.788	-0.455
9.642	0.118	9.649	-0.009	9.658	-0.122	9.666	-0.236	11.797	-0.547	11.810	-0.632	11.828	-0.540	11.841	-0.526
9.677	-0.332	9.686	-0.512	9.695	-0.597	9.702	-0.696	11.848	-0.569	11.867	-0.618	11.877	-0.618	11.891	-0.618
9.714	-0.739	9.726	-0.767	9.742	-0.810	9.759	-0.895	11.906	-0.590	11.916	-0.540	11.925	-0.505	11.935	-0.455
9.777	-1.015	9.789	-1.072	9.793	-1.114	9.801	-1.079	11.944	-0.349	11.949	-0.250	11.960	-0.108	11.966	0.019
9.811	-1.022	9.820	-0.944	9.825	-0.859	9.835	-0.803	11.979	0.161	11.990	0.226	12.000	C.261	12.007	0.318
9.841	-0.732	9.848	-0.660	9.855	-0.547	9.861	-0.412	12.014	C.290	12.022	0.226	12.037	C.177	12.040	0.135
9.865	-0.320	9.872	-0.256	9.880	-0.206	9.892	-0.156	12.055	0.078	12.070	0.058	12.083	0.093	12.087	0.101
9.900	-0.106	9.909	-0.034	9.915	0.058	9.931	0.166	12.095	0.122	12.113	0.155	12.118	0.209	12.131	0.168
9.934	0.280	9.942	0.358	9.950	0.387	9.962	0.402	12.145	0.148	12.157	0.106	12.161	0.057	12.169	-0.034
9.965	0.356	9.973	0.368	9.981	0.284	9.987	0.199	12.176	-0.112	12.191	-0.266	12.197	-0.379	12.206	-0.478
9.996	0.122	10.004	0.059	10.010	0.017	10.024	0.004	12.216	-0.305	12.236	-0.469	12.242	-0.539	12.256	-0.488
10.030	-0.003	10.039	-0.010	10.050	-0.052	10.059	-0.095	12.267	-0.374	12.277	-0.359	12.293	-0.280	12.305	-0.202
10.073	-0.144	10.083	-0.172	10.095	-0.165	10.103	-0.137	12.324	-0.046	12.330	0.032	12.339	0.117	12.346	0.167
10.111	-0.087	10.119	0.005	10.124	0.076	10.131	0.140	12.368	0.302	12.371	0.255	12.382	0.395	12.392	0.551
10.141	0.111	10.149	0.239	10.158	0.260	10.169	0.310	12.403	C.614	12.418	C.621	12.425	0.551	12.437	0.459
10.181	0.338	10.190	0.430	10.197	0.508	10.204	0.593	12.445	0.310	12.451	0.203	12.457	0.076	12.469	-0.122
10.214	0.621	10.224	0.664	10.236	0.756	10.246	0.778	12.476	-0.250	12.484	-0.363	12.495	-0.070	12.507	-0.505
10.255	0.799	10.264	0.856	10.276	0.842	10.284	0.814	12.517	-0.491	12.529	-0.427	12.541	-0.342	12.547	-0.306
10.294	0.744	10.303	0.652	10.310	0.568	10.318	0.477	12.557	-0.221	12.572	-0.129	12.580	-0.022	12.590	C.049
10.327	0.364	10.337	0.238	10.346	0.111	10.353	-0.016	12.599	0.684	12.616	0.219	12.620	0.148	12.634	0.142
10.363	-0.164	10.371	-0.305	10.378	-0.425	10.385	-0.496	12.642	0.071	12.655	0.015	12.666	-0.063	12.675	-0.133
10.393	-0.552	10.405	-0.551	10.413	-0.494	10.422	-0.430	12.693	-0.218	12.708	-0.281	12.717	-0.366	12.721	-0.451
10.429	-0.338	10.436	-0.281	10.448	-0.203	10.457	-0.160	12.741	-0.479	12.746	-0.486	12.754	-0.436	12.769	-0.315
10.470	-0.082	10.473	-0.089	10.479	-0.025	10.489	0.039	12.773	-0.152	12.783	-0.025	12.794	0.131	12.805	C.259

12-819	0.387	12-830	0.493	12-839	0.564	12-848	0.557	15-825	0.046	15-839	0.075	15-849	0.047	15-860	0.111
12-862	0.572	12-876	0.572	12-893	0.544	12-902	0.451	15-870	0.182	15-877	0.238	15-895	0.324	15-907	0.267
12-910	0.352	12-920	0.232	12-930	0.161	12-940	0.076	15-929	0.211	15-945	0.203	15-950	0.118	15-962	0.069
12-954	-0.016	12-966	-0.115	12-973	-0.144	12-989	-0.151	15-981	0.041	15-996	0.019	16-013	-0.016	16-027	0.005
12-956	-0.144	13-005	-0.151	13-017	-0.144	13-022	-0.122	16-039	0.076	16-049	0.147	16-063	0.247	16-083	0.340
13-031	-0.066	13-044	0.083	13-057	0.083	13-073	0.104	16-093	0.326	16-114	0.419	16-116	0.369	16-136	0.385
13-087	0.104	13-107	0.118	13-115	0.062	13-133	0.090	16-145	0.293	16-165	0.245	16-184	0.197	16-199	0.158
13-140	-0.002	13-162	0.026	13-183	0.026	13-192	0.048	16-204	0.134	16-230	0.115	16-230	0.115	16-256	0.073
13-207	0.069	13-220	0.111	13-226	0.140	13-239	0.239	16-267	0.010	16-276	-0.089	16-287	-0.131	16-306	-0.215
13-233	0.331	13-260	0.352	13-273	0.402	13-286	0.430	16-320	-0.212	16-382	-0.112	16-388	-0.241	16-395	-0.255
13-308	0.416	13-318	0.331	13-331	0.256	13-351	0.232	16-370	-0.212	16-382	-0.112	16-388	-0.091	16-395	-0.034
13-367	0.225	13-372	0.161	13-397	0.289	13-418	0.282	16-418	0.031	16-429	0.024	16-444	0.046	16-454	0.067
13-437	0.289	13-441	0.282	13-459	0.282	13-478	0.311	16-469	0.181	16-483	0.174	16-497	0.188	16-511	0.203
13-488	0.439	13-499	0.474	13-514	0.552	13-531	0.595	16-525	0.189	16-535	0.189	16-553	0.175	16-571	0.176
13-546	0.645	13-556	0.624	13-563	0.560	13-579	0.610	16-583	0.133	16-602	0.148	16-616	0.120	16-628	0.113
13-589	0.582	13-604	0.541	13-621	0.485	13-644	0.458	16-643	0.286	16-727	0.272	16-739	0.145	16-754	0.221
13-654	0.409	13-675	0.383	13-686	0.313	13-699	0.193	16-710	0.170	16-650	0.149	16-665	0.164	16-689	0.117
13-707	0.074	13-725	-0.060	13-730	-0.144	13-751	-0.164	16-714	0.132	16-754	0.104	16-807	0.105	16-822	0.105
13-767	-0.148	13-777	-0.154	13-784	-0.119	13-792	-0.090	16-838	0.148	16-848	0.184	16-865	0.262	16-880	0.305
13-858	0.052	13-821	0.009	13-831	0.023	13-844	0.059	16-854	0.299	16-912	0.257	16-926	0.257	16-938	0.236
13-859	0.688	13-881	0.237	13-899	0.300	13-911	0.314	16-953	0.244	16-972	0.230	16-974	0.202	16-995	0.188
13-920	0.236	13-932	0.207	13-949	0.206	13-965	0.135	17-015	0.217	17-027	0.217	17-039	0.267	17-058	0.345
13-976	0.134	13-997	0.106	14-010	0.084	14-018	0.070	17-064	0.310	17-073	0.260	17-090	0.211	17-102	0.169
14-035	0.041	14-043	0.041	14-052	0.083	14-063	0.175	17-116	0.113	17-128	0.057	17-141	0.022	17-159	-0.006
14-080	0.324	14-086	0.260	14-098	0.274	14-115	0.232	17-181	0.024	17-151	0.031	17-203	0.075	17-215	0.069
14-129	0.203	14-141	0.175	14-159	0.111	14-173	0.097	17-229	0.084	17-231	0.121	17-262	0.093	17-281	0.122
14-183	0.048	14-200	0.041	14-212	0.048	14-224	0.118	17-302	0.186	17-319	0.186	17-331	0.151	17-351	0.159
14-239	0.147	14-245	0.168	14-265	0.324	14-284	0.466	17-335	0.159	17-391	0.074	17-404	0.024	17-430	0.051
14-294	0.565	14-305	0.600	14-315	0.593	14-324	0.607	17-438	-0.064	17-456	-0.042	17-476	-0.028	17-496	-0.071
14-340	0.459	14-360	0.621	14-371	0.614	14-378	0.529	17-513	-0.064	17-531	-0.079	17-547	-0.093	17-568	-0.101
14-395	0.459	14-409	0.359	14-419	0.168	14-436	0.059	17-574	-0.064	17-589	-0.079	17-606	-0.172	17-627	-0.165
14-437	-0.009	14-455	-0.066	14-467	-0.094	14-484	-0.122	17-637	-0.236	17-660	-0.144	17-675	-0.101	17-691	-0.059
14-497	-0.108	14-517	-0.122	14-528	-0.087	14-544	-0.052	17-712	-0.030	17-732	-0.066	17-741	-0.080	17-760	-0.037
14-557	0.005	14-574	0.026	14-576	-0.016	14-595	0.048	17-766	-0.101	17-787	-0.060	17-807	-0.073	17-823	-0.073
14-606	0.048	14-624	0.033	14-636	-0.009	14-653	-0.023	17-839	-0.044	17-853	-0.002	17-867	0.019	17-813	-0.044
14-666	-0.037	14-678	-0.044	14-690	-0.037	14-709	-0.044	17-889	-0.080	17-906	-0.115	17-923	-0.059	17-947	-0.030
14-716	-0.037	14-728	-0.080	14-744	-0.094	14-764	-0.229	17-952	-0.106	17-970	-0.080	17-990	-0.052	18-004	-0.044
14-777	-0.179	14-787	-0.222	14-804	-0.257	14-825	-0.278	18-011	-0.037	18-028	-0.002	18-036	0.041	18-051	0.140
14-828	-0.385	14-842	-0.448	14-855	-0.477	14-867	-0.498	18-071	0.204	18-089	0.226	18-097	0.198	18-111	0.233
14-883	-0.448	14-904	-0.377	14-917	-0.363	14-927	-0.363	18-127	0.269	18-150	0.312	18-169	0.327	18-179	0.250
14-945	-0.285	14-956	-0.264	14-967	-0.179	14-977	-0.087	18-191	0.193	18-215	0.131	18-231	0.082	18-247	0.027
14-981	-0.094	14-995	-0.023	15-008	-0.002	15-025	-0.030	18-258	-0.051	18-269	-0.053	18-285	-0.099	18-302	-0.090
15-032	-0.101	15-055	-0.137	15-069	-0.172	15-090	-0.158	18-316	-0.012	18-326	0.017	18-343	0.025	18-350	0.061
15-057	-0.193	15-122	-0.115	15-130	-0.066	15-144	-0.016	18-372	-0.041	18-384	0.014	18-399	-0.056	18-414	-0.133
15-146	-0.059	15-158	-0.052	15-170	-0.115	15-186	-0.215	18-427	-0.147	18-444	-0.160	18-454	-0.174	18-471	-0.066
15-203	-0.278	15-218	-0.342	15-221	-0.363	15-239	-0.413	18-478	-0.038	18-493	0.006	18-508	-0.000	18-520	-0.014
15-249	-0.406	15-269	-0.314	15-276	-0.385	15-288	-0.413	18-538	0.008	18-543	-0.041	18-555	-0.012	18-577	0.039
15-315	-0.399	15-321	-0.434	15-339	-0.540	15-351	-0.555	18-586	0.097	18-613	0.041	18-626	0.021	18-646	0.029
15-375	-0.491	15-389	-0.455	15-400	-0.399	15-414	-0.349	18-666	-0.005	18-669	-0.057	18-687	-0.151	18-698	-0.151
15-429	-0.278	15-442	-0.200	15-456	-0.186	15-475	-0.144	18-727	-0.234	18-734	-0.176	18-752	-0.125	18-764	-0.075
15-464	-0.151	15-501	-0.137	15-523	-0.115	15-532	-0.115	18-770	-0.003	18-790	0.070	18-808	0.206	18-826	0.250
15-546	-0.129	15-566	-0.122	15-586	-0.151	15-602	-0.172	18-842	0.266	18-853	0.267	18-871	0.240	18-884	0.199
15-619	-0.179	15-625	-0.193	15-644	-0.129	15-658	-0.171	18-900	0.172	18-912	0.055	18-937	0.104	18-956	0.140
15-670	-0.128	15-679	-0.135	15-696	-0.099	15-708	-0.014	18-971	0.099	18-987	0.079	18-997	0.044	19-014	0.081
15-712	-0.063	15-726	-0.013	15-743	0.008	15-759	0.051	19-036	0.104	19-055	0.166	19-067	0.121	19-086	0.208
15-774	0.123	15-786	0.130	15-793	0.102	15-808	0.074	19-100	0.160	19-112	0.175	19-137	0.256	19-162	0.188

19.179	0.161	19.183	0.077	19.204	0.093	19.221	0.130	22.660	-0.131	22.672	-0.055	22.688	-0.067	22.700	-0.066
19.232	0.131	19.244	0.090	19.260	0.071	19.274	-0.006	22.717	-0.073	22.735	-0.072	22.743	-0.086	22.754	-0.064
19.300	-0.017	19.313	-0.037	19.333	-0.042	19.344	-0.019	22.763	-0.057	22.774	-0.042	22.785	-0.063	22.801	-0.076
19.363	0.061	19.380	0.006	19.403	0.079	19.423	0.136	22.814	-0.083	22.829	-0.104	22.841	-0.082	22.856	-0.046
19.440	0.151	19.459	0.209	19.483	0.173	19.486	0.203	22.867	-0.017	22.879	-0.017	22.887	-0.024	22.901	-0.023
19.509	0.154	19.514	0.076	19.536	0.048	19.557	0.026	22.917	0.027	22.925	0.049	22.943	0.070	22.963	0.043
19.572	-0.140	19.589	0.066	19.610	0.100	19.625	-0.142	22.983	0.036	23.000	0.001	23.021	0.026	23.031	-0.040
19.644	-0.155	19.661	-0.140	19.676	-0.217	19.689	-0.181	23.046	-0.047	23.060	-0.025	23.080	-0.003	23.096	0.003
19.709	-0.094	19.718	-0.164	19.733	-0.219	19.748	-0.246	23.107	0.004	23.125	0.046	23.149	0.075	23.160	0.061
19.768	-0.265	19.793	-0.220	19.819	-0.169	19.829	-0.239	23.174	0.047	23.192	0.047	23.204	0.047	23.223	0.019
19.849	-0.216	19.863	-0.172	19.874	-0.207	19.895	-0.106	23.241	-0.002	23.253	-0.023	23.270	-0.044	23.289	-0.037
19.907	-0.140	19.922	-0.168	19.946	0.082	19.960	-0.032	23.311	0.005	23.330	0.042	23.342	0.076	23.353	0.057
19.981	-0.052	19.996	-0.002	20.013	0.042	20.029	0.099	23.376	0.118	23.391	0.097	23.411	0.041	23.425	0.006
20.047	0.078	20.056	0.043	20.076	0.051	20.090	0.101	23.444	-0.022	23.456	-0.021	23.467	-0.021	23.480	-0.034
20.105	-0.080	20.125	0.088	20.149	0.060	20.170	-0.060	23.499	-0.033	23.517	-0.031	23.534	-0.051	23.550	-0.056
20.157	-0.093	20.215	-0.071	20.236	-0.013	20.253	0.024	23.570	-0.062	23.583	-0.061	23.601	-0.087	23.621	-0.114
20.268	0.039	20.286	0.069	20.304	0.063	20.328	0.051	23.637	-0.148	23.656	-0.203	23.672	-0.230	23.696	-0.193
20.346	0.031	20.368	0.026	20.384	0.027	20.400	0.043	23.714	-0.142	23.732	-0.058	23.755	-0.053	23.775	-0.016
20.419	0.016	20.435	-0.025	20.457	-0.116	20.470	-0.115	23.785	-0.001	23.797	0.067	23.816	0.023	23.833	-0.003
20.488	-0.092	20.512	-0.012	20.532	0.032	20.547	0.041	23.848	-0.037	23.870	-0.063	23.889	-0.047	23.908	-0.009
20.558	-0.029	20.571	-0.120	20.601	-0.096	20.607	-0.152	23.929	0.000	23.949	0.024	23.973	0.055	23.989	0.092
20.629	-0.080	20.644	-0.135	20.651	-0.071	20.667	-0.135	24.002	0.114	24.012	0.129	24.027	0.152	24.048	0.126
20.692	0.045	20.719	0.096	20.736	0.153	20.750	0.140	24.065	0.099	24.082	0.085	24.096	0.045	24.110	0.025
20.774	0.140	20.788	0.113	20.808	0.085	20.822	0.085	24.124	-0.010	24.134	-0.012	24.151	-0.052	24.163	-0.127
20.839	0.100	20.848	0.023	20.874	0.109	20.894	0.074	24.180	-0.097	24.194	-0.082	24.212	-0.100	24.225	-0.037
20.913	0.074	20.923	0.011	20.951	0.068	20.961	-0.038	24.245	-0.021	24.265	0.009	24.280	0.031	24.286	0.053
20.984	-0.016	21.005	-0.002	21.010	-0.101	21.030	-0.121	24.259	0.054	24.308	0.055	24.327	0.056	24.342	0.057
21.047	-0.092	21.070	-0.049	21.080	-0.105	21.107	-0.005	24.354	0.065	24.363	0.066	24.373	0.074	24.380	0.082
21.124	0.032	21.143	0.070	21.158	0.085	21.174	0.193	24.391	0.083	24.406	0.078	24.420	0.058	24.431	0.045
21.191	0.180	21.206	0.175	21.220	0.169	21.238	0.199	24.441	0.044	24.489	0.031	24.460	0.042	24.468	0.004
21.265	0.166	21.277	0.174	21.300	0.197	21.314	0.212	24.478	0.032	24.519	0.005	24.530	-0.001	24.550	-0.014
21.331	0.263	21.345	0.221	21.362	0.251	21.380	0.259	24.519	0.005	24.559	-0.020	24.575	-0.047	24.584	-0.029
21.395	0.204	21.418	0.234	21.440	0.243	21.451	0.223	24.559	-0.045	24.607	-0.037	24.615	-0.030	24.624	-0.042
21.478	0.020	21.492	0.184	21.512	0.250	21.534	0.090	24.635	-0.029	24.644	-0.028	24.652	-0.042	24.660	-0.042
21.554	0.190	21.576	0.178	21.595	0.116	21.614	0.090	24.670	-0.042	24.678	-0.042	24.686	-0.042	24.697	-0.047
21.636	0.141	21.651	0.050	21.669	0.066	21.689	0.054	24.708	-0.027	24.715	-0.027	24.722	-0.027	24.740	-0.047
21.706	0.091	21.731	0.072	21.737	0.099	21.831	0.037	24.755	-0.054	24.769	-0.075	24.785	-0.082	24.799	-0.096
21.781	0.111	21.804	0.099	21.812	0.099	21.891	-0.049	24.811	-0.109	24.827	-0.054	24.841	-0.182	24.853	-0.145
21.843	-0.026	21.871	-0.051	21.891	-0.049	21.892	-0.049	24.874	-0.141	24.889	-0.161	24.904	-0.182	24.922	-0.145
21.905	-0.133	21.918	-0.153	21.920	-0.145	21.925	-0.145	24.937	-0.130	24.960	-0.121	24.977	-0.105	24.991	-0.083
21.928	-0.145	21.943	-0.115	21.953	-0.073	21.963	-0.044	25.006	-0.074	25.016	-0.073	25.031	-0.079	25.048	-0.091
21.969	-0.030	21.976	-0.016	21.986	-0.009	21.993	-0.009	25.060	-0.104	25.069	-0.089	25.081	-0.081	25.096	-0.079
22.001	-0.030	22.011	-0.037	22.017	-0.044	22.028	-0.052	25.109	-0.092	25.124	-0.090	25.141	-0.081	25.154	-0.114
22.034	-0.059	22.040	-0.058	22.049	-0.058	22.061	-0.058	25.172	-0.126	25.187	-0.138	25.208	-0.143	25.228	-0.119
22.070	-0.079	22.081	-0.107	22.092	-0.142	22.104	-0.170	25.238	-0.089	25.255	-0.059	25.276	-0.035	25.293	-0.026
22.114	-0.184	22.126	-0.177	22.136	-0.155	22.150	-0.134	25.310	-0.017	25.323	-0.008	25.339	0.001	25.352	0.002
22.166	-0.098	22.177	-0.083	22.188	-0.083	22.199	-0.089	25.373	0.004	25.387	0.006	25.412	0.002	25.434	-0.004
22.209	-0.089	22.220	-0.088	22.234	-0.087	22.242	-0.087	25.458	-0.016	25.475	-0.050	25.492	-0.077	25.509	-0.098
22.251	-0.079	22.259	-0.072	22.266	-0.064	22.276	-0.078	25.531	-0.082	25.552	-0.045	25.566	-0.023	25.591	-0.007
22.291	-0.098	22.304	-0.119	22.314	-0.132	22.322	-0.139	25.609	-0.006	25.623	-0.026	25.642	-0.032	25.657	-0.038
22.334	-0.131	22.344	-0.110	22.357	-0.080	22.370	-0.059	25.676	-0.044	25.699	-0.029	25.719	0.001	25.735	0.016
22.386	-0.051	22.397	-0.050	22.415	-0.021	22.425	0.008	25.747	-0.031	25.772	0.068	25.786	0.048	25.802	0.034
22.440	0.030	22.455	0.052	22.468	0.074	22.488	0.082	25.820	0.036	25.832	0.036	25.844	0.023	25.859	0.024
22.503	0.069	22.524	0.027	22.536	-0.001	22.551	-0.064	25.874	0.011	25.890	-0.017	25.901	-0.023	25.912	-0.037
22.563	-0.099	22.574	-0.141	22.586	-0.155	22.597	-0.169	25.924	-0.050	25.935	-0.070	25.943	-0.091	25.953	-0.111
22.609	-0.176	22.620	-0.189	22.635	-0.203	22.653	-0.160								

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25.970	-0.117	25.982	-0.116	25.995	-0.094	26.008	-0.079	29.374	0.030	29.388	0.030	29.403	0.038	29.426	0.067
26.023	-0.070	26.033	-0.070	26.046	-0.069	26.054	-0.068	29.440	0.104	29.458	0.133	29.475	0.141	29.495	0.135
26.064	-0.067	26.080	-0.073	26.088	-0.065	26.100	-0.065	29.506	0.121	29.521	0.136	29.536	0.144	29.550	0.145
26.108	-0.064	26.117	-0.056	26.126	-0.070	26.138	-0.069	29.564	0.145	29.577	0.146	29.591	0.140	29.611	0.127
26.148	-0.082	26.164	-0.088	26.178	-0.066	26.191	-0.051	29.625	0.127	29.637	0.115	29.662	0.115	29.683	0.081
26.208	-0.050	26.220	-0.049	26.238	-0.048	26.252	-0.061	29.702	0.040	29.718	0.038	29.738	0.030	29.766	-0.010
26.265	-0.053	26.278	-0.052	26.294	-0.058	26.310	-0.071	29.791	-0.057	29.810	-0.077	29.828	-0.089	29.848	-0.102
26.324	-0.092	26.340	-0.105	26.362	-0.089	26.384	-0.067	29.869	-0.121	29.886	-0.126	29.902	-0.139	29.926	-0.172
26.409	-0.058	26.424	-0.043	26.442	-0.042	26.460	-0.054	29.948	-0.142	29.967	-0.063	29.983	-0.039	30.000	-0.023
26.474	-0.060	26.488	-0.066	26.501	-0.072	26.516	-0.085	30.011	-0.008	30.035	0.030	30.054	0.010	30.070	-0.004
26.534	-0.041	26.551	-0.032	26.573	-0.009	26.587	0.007	30.066	-0.001	30.104	-0.030	30.117	-0.044	30.135	-0.057
26.602	0.022	26.615	0.030	26.628	0.031	26.637	0.032	30.148	-0.056	30.161	-0.070	30.177	-0.083	30.190	-0.054
26.655	0.013	26.668	-0.015	26.682	-0.013	26.694	-0.012	30.207	-0.025	30.223	-0.063	30.235	0.012	30.249	0.034
26.715	-0.010	26.730	-0.009	26.745	-0.008	26.761	-0.007	30.265	0.035	30.282	0.021	30.295	0.022	30.305	0.015
26.772	0.001	26.784	0.016	26.797	0.016	26.807	0.017	30.316	0.023	30.335	0.024	30.361	-0.011	30.378	-0.024
26.825	0.017	26.842	0.004	26.855	-0.017	26.872	-0.037	30.394	-0.009	30.407	-0.009	30.424	-0.001	30.443	-0.007
26.882	-0.065	26.897	-0.079	26.909	-0.092	26.920	-0.106	30.467	-0.020	30.486	-0.040	30.510	-0.053	30.527	-0.059
26.932	-0.105	26.945	-0.105	26.959	-0.104	26.975	-0.089	30.541	-0.065	30.556	-0.079	30.568	-0.078	30.583	-0.084
26.990	-0.067	27.008	-0.052	27.020	-0.037	27.029	-0.016	30.595	-0.083	30.607	-0.082	30.615	-0.082	30.630	-0.081
27.044	0.006	27.054	0.028	27.065	0.043	27.079	0.051	30.641	-0.087	30.649	-0.054	30.661	-0.100	30.670	-0.107
27.089	0.052	27.106	0.068	27.120	0.055	27.134	0.042	30.679	-0.113	30.687	-0.119	30.697	-0.126	30.708	-0.111
27.146	0.043	27.157	0.030	27.167	0.030	27.177	0.024	30.717	-0.096	30.731	-0.080	30.744	-0.072	30.759	-0.071
27.187	0.018	27.197	0.005	27.213	-0.001	27.228	0.029	30.770	-0.077	30.779	-0.077	30.788	-0.069	30.800	-0.075
27.243	0.045	27.255	0.053	27.273	0.069	27.285	0.063	30.813	-0.074	30.825	-0.059	30.837	-0.044	30.850	-0.042
27.306	0.037	27.326	0.025	27.339	0.012	27.353	-0.000	30.859	-0.042	30.870	-0.041	30.882	-0.032	30.893	-0.031
27.367	-0.013	27.381	-0.026	27.392	-0.039	27.410	-0.008	30.902	-0.037	30.913	-0.036	30.925	-0.035	30.938	-0.013
27.425	0.008	27.453	0.025	27.473	0.006	27.486	-0.007	30.950	-0.012	30.965	-0.010	30.974	-0.005	30.986	0.006
27.500	-0.005	27.514	-0.004	27.534	-0.009	27.555	-0.042	31.001	0.007	31.012	0.069	31.026	0.010	31.046	0.005
27.572	-0.055	27.588	-0.075	27.600	-0.088	27.611	-0.094	31.061	-0.008	31.081	-0.037	31.092	-0.062	31.102	-0.075
27.623	-0.100	27.636	-0.106	27.647	-0.112	27.657	-0.111	31.113	-0.008	31.126	-0.101	31.138	-0.100	31.151	-0.120
27.717	-0.113	27.731	-0.113	27.741	-0.112	27.753	-0.118	31.170	-0.111	31.182	-0.056	31.198	-0.080	31.209	-0.072
27.766	-0.118	27.778	-0.117	27.788	-0.116	27.800	-0.108	31.223	-0.064	31.237	-0.063	31.249	-0.047	31.261	-0.054
27.813	-0.093	27.834	-0.092	27.853	-0.070	27.862	-0.055	31.274	-0.059	31.292	-0.065	31.311	-0.085	31.335	-0.104
27.879	-0.047	27.896	-0.054	27.910	-0.074	27.922	-0.088	31.351	-0.095	31.367	-0.080	31.385	-0.009	31.408	-0.008
27.942	-0.101	27.959	-0.115	27.975	-0.135	28.000	-0.156	31.466	-0.000	31.479	-0.031	31.496	-0.010	31.515	-0.010
28.025	-0.126	28.040	-0.097	28.058	-0.054	28.076	-0.038	31.528	-0.023	31.546	-0.050	31.556	-0.056	31.566	-0.055
28.168	0.003	28.191	0.026	28.204	0.035	28.224	0.051	31.578	-0.068	31.590	-0.067	31.601	-0.073	31.611	-0.079
28.237	0.045	28.252	0.039	28.270	0.020	28.287	0.028	31.623	-0.078	31.638	-0.077	31.653	-0.061	31.673	-0.052
28.306	-0.013	28.328	-0.019	28.343	-0.024	28.367	-0.086	31.687	-0.044	31.698	-0.036	31.711	-0.021	31.725	-0.020
28.389	-0.049	28.412	-0.019	28.432	-0.024	28.448	-0.031	31.737	-0.005	31.746	0.002	31.757	-0.003	31.771	-0.003
28.461	-0.037	28.475	-0.043	28.487	-0.042	28.505	-0.055	31.785	-0.017	31.799	-0.030	31.811	-0.050	31.822	-0.057
28.522	-0.085	28.537	-0.103	28.555	-0.137	28.580	-0.128	31.831	-0.056	31.841	-0.070	31.850	-0.076	31.863	-0.104
28.598	-0.106	28.622	-0.076	28.641	-0.061	28.655	-0.038	31.876	-0.089	31.889	-0.061	31.904	-0.066	31.919	-0.044
28.670	-0.030	28.683	-0.022	28.694	-0.022	28.713	-0.014	31.928	-0.044	31.940	-0.043	31.952	-0.043	31.964	-0.042
28.729	-0.034	28.750	-0.047	28.763	-0.067	28.783	-0.087	31.981	-0.042	31.996	-0.034	32.014	-0.033	32.033	-0.054
28.799	-0.086	28.814	-0.071	28.828	-0.049	28.842	-0.049	32.046	-0.068	32.059	-0.081	32.069	-0.102	32.091	-0.115
28.858	-0.055	28.872	-0.061	28.883	-0.068	28.893	-0.067	32.169	-0.122	32.181	-0.121	32.199	-0.113	32.213	-0.077
28.908	-0.066	28.923	-0.051	28.938	-0.043	28.955	-0.078	32.225	-0.017	32.242	-0.016	32.262	-0.030	32.276	-0.029
28.966	-0.106	28.991	-0.140	29.009	-0.118	29.027	-0.074	32.292	-0.028	32.312	-0.027	32.328	-0.026	32.341	-0.032
29.041	-0.055	29.060	-0.030	29.079	-0.043	29.094	-0.056	32.353	-0.031	32.364	-0.038	32.379	-0.037	32.392	-0.043
29.108	-0.069	29.128	-0.068	29.144	-0.067	29.159	-0.066	32.406	-0.056	32.414	-0.042	32.428	-0.041	32.440	-0.040
29.177	-0.065	29.190	-0.072	29.205	-0.071	29.221	-0.070	32.459	-0.039	32.475	-0.059	32.493	-0.047	32.510	-0.078
29.234	-0.069	29.254	-0.082	29.271	-0.060	29.293	-0.024	32.522	-0.092	32.536	-0.105	32.557	-0.096	32.567	-0.102
29.313	-0.008	29.332	0.007	29.347	0.028	29.365	0.029	32.580	-0.102	32.594	-0.016	32.606	-0.085	32.621	-0.070

32.636	-0.069	32.652	-0.068	32.667	-0.073	32.686	-0.093	35.411	-0.081	35.424	-0.065	35.435	-0.078	35.447	-0.069
32.694	-0.106	32.706	-0.112	32.720	-0.111	32.741	-0.109	35.459	-0.045	35.470	-0.030	35.483	-0.007	35.495	-0.013
32.754	-0.107	32.763	-0.114	32.780	-0.112	32.795	-0.110	35.508	-0.002	35.524	-0.017	35.533	-0.031	35.547	-0.037
32.808	-0.109	32.823	-0.101	32.842	-0.092	32.856	-0.090	35.560	-0.043	35.573	-0.070	35.586	-0.069	35.600	-0.082
32.870	-0.082	32.886	-0.066	32.898	-0.050	32.908	-0.028	35.612	-0.067	35.624	-0.067	35.636	-0.066	35.648	-0.058
32.920	-0.026	32.931	-0.018	32.949	-0.008	32.959	-0.007	35.660	-0.050	35.672	-0.042	35.684	-0.012	35.694	-0.018
32.971	0.021	32.988	0.032	32.998	0.047	33.015	0.042	35.749	0.064	35.714	0.012	35.725	-0.008	35.737	-0.020
33.027	0.037	33.042	0.024	33.055	0.026	33.067	0.020	35.780	-0.033	35.762	-0.046	35.777	-0.073	35.791	-0.071
33.079	0.021	33.092	0.015	33.105	-0.004	33.123	-0.024	35.808	-0.069	35.824	-0.053	35.844	-0.001	35.861	0.001
33.140	0.052	33.150	-0.056	33.162	-0.062	33.173	-0.061	35.887	0.024	35.887	0.025	35.902	0.034	35.919	0.064
33.185	-0.052	33.195	-0.044	33.211	-0.035	33.224	-0.020	35.929	0.016	35.947	-0.010	35.965	0.006	35.977	0.015
33.237	-0.004	33.248	-0.003	33.258	0.005	33.268	0.013	35.993	0.031	36.009	0.054	36.027	0.028	36.039	0.015
33.281	0.021	33.292	0.044	33.304	0.045	33.319	0.054	36.048	-0.015	36.070	-0.009	36.083	-0.007	36.093	0.003
33.328	0.047	33.342	0.049	33.359	0.022	33.373	0.010	36.110	-0.025	36.133	-0.029	36.136	-0.057	36.151	-0.033
33.388	-0.002	33.402	-0.007	33.415	-0.019	33.428	-0.038	36.160	-0.056	36.176	-0.072	36.188	-0.077	36.204	-0.040
33.436	-0.051	33.446	-0.049	33.461	-0.061	33.471	-0.045	36.219	-0.066	36.232	-0.052	36.245	-0.083	36.257	-0.082
33.483	-0.043	33.495	-0.034	33.505	-0.039	33.518	-0.030	36.278	-0.043	36.294	-0.055	36.308	-0.046	36.320	-0.059
33.534	-0.041	33.547	-0.060	33.559	-0.079	33.574	-0.083	36.336	-0.021	36.353	-0.005	36.370	0.004	36.392	0.007
33.586	-0.088	33.598	-0.080	33.611	-0.078	33.627	-0.089	36.407	-0.005	36.426	-0.005	36.443	0.020	36.460	0.014
33.639	-0.095	33.652	-0.093	33.665	-0.091	33.678	-0.082	36.474	-0.055	36.488	-0.054	36.505	-0.011	36.515	-0.038
33.690	-0.080	33.708	-0.070	33.719	-0.061	33.731	-0.053	36.534	-0.016	36.545	-0.051	36.559	-0.065	36.574	-0.078
33.745	-0.043	33.758	-0.027	33.774	-0.018	33.788	-0.016	36.593	-0.034	36.600	-0.100	36.614	-0.118	36.629	-0.081
33.801	-0.021	33.820	-0.033	33.833	-0.052	33.849	-0.072	36.645	-0.079	36.658	-0.100	36.674	-0.105	36.681	-0.069
33.861	-0.070	33.873	-0.083	33.885	-0.081	33.902	-0.072	36.693	-0.054	36.707	-0.010	36.720	0.034	36.735	0.014
33.915	-0.062	33.934	-0.075	33.951	-0.080	33.972	-0.078	36.745	0.043	36.756	0.044	36.769	0.032	36.785	0.040
33.986	-0.062	33.998	-0.075	34.010	-0.052	34.019	-0.037	36.800	0.028	36.823	0.002	36.833	-0.011	36.850	0.004
34.030	-0.014	34.038	0.001	34.049	0.009	34.062	0.018	36.864	-0.009	36.877	0.012	36.890	-0.058	36.906	-0.071
34.072	-0.002	34.081	-0.008	34.092	-0.020	34.107	-0.031	36.920	-0.041	36.938	-0.076	36.955	-0.082	36.971	-0.088
34.119	-0.036	34.131	-0.055	34.142	-0.047	34.152	-0.052	36.991	-0.024	37.010	-0.030	37.019	-0.044	37.031	-0.051
34.168	-0.050	34.188	-0.076	34.194	-0.047	34.209	-0.031	37.044	-0.029	37.061	-0.014	37.079	-0.036	37.089	-0.020
34.221	-0.009	34.232	0.027	34.243	0.028	34.251	0.030	37.101	0.009	37.113	-0.039	37.128	-0.017	37.143	-0.023
34.262	0.058	34.273	0.053	34.283	0.054	34.294	0.035	37.157	-0.043	37.177	0.002	37.194	0.024	37.210	0.033
34.309	0.001	34.315	-0.026	34.327	-0.046	34.342	-0.051	37.225	0.048	37.238	-0.007	37.252	-0.012	37.268	0.004
34.354	-0.049	34.362	-0.069	34.373	-0.074	34.385	-0.065	37.286	-0.001	37.303	0.001	37.319	-0.033	37.338	-0.002
34.393	-0.057	34.408	-0.033	34.419	-0.003	34.427	0.048	37.351	-0.057	37.367	-0.069	37.384	-0.046	37.402	-0.058
34.436	0.071	34.451	0.094	34.465	0.118	34.478	0.127	37.418	-0.091	37.433	-0.104	37.459	-0.029	37.472	-0.056
34.492	0.158	34.505	0.160	34.518	0.170	34.530	0.157	37.482	-0.041	37.495	-0.025	37.510	-0.023	37.526	-0.014
34.543	0.117	34.562	0.078	34.571	0.058	34.585	0.038	37.539	-0.040	37.557	-0.023	37.571	-0.050	37.590	-0.055
34.595	0.004	34.610	-0.023	34.620	-0.050	34.633	-0.063	37.606	-0.046	37.621	-0.002	37.637	0.000	37.648	-0.006
34.647	-0.062	34.658	-0.054	34.668	-0.032	34.680	-0.030	37.665	-0.011	37.677	0.004	37.692	0.041	37.710	0.029
34.691	-0.029	34.706	-0.006	34.714	-0.041	34.729	-0.032	37.727	-0.059	37.746	-0.010	37.755	-0.038	37.773	-0.029
34.739	-0.030	34.749	-0.008	34.763	-0.022	34.774	-0.026	37.787	-0.013	37.806	0.005	37.817	-0.018	37.833	-0.059
34.787	-0.053	34.799	-0.058	34.811	-0.043	34.826	-0.048	37.850	-0.057	37.864	-0.042	37.879	-0.048	37.894	-0.046
34.837	-0.033	34.847	-0.046	34.859	-0.037	34.872	-0.036	37.911	-0.051	37.926	-0.021	37.942	0.009	37.957	0.011
34.881	0.001	34.892	0.016	34.902	0.039	34.913	0.061	37.966	-0.031	37.988	0.028	37.995	-0.049	38.010	-0.054
34.921	0.076	34.932	0.106	34.948	0.115	34.958	0.081	38.023	-0.067	38.037	-0.065	38.055	-0.078	38.070	-0.048
34.966	0.032	34.974	0.019	34.986	0.006	34.994	-0.021	38.087	0.018	38.101	-0.058	38.120	-0.007	38.132	-0.020
35.006	-0.020	35.017	-0.026	35.032	-0.045	35.049	-0.072	38.150	-0.018	38.166	0.019	38.179	0.042	38.195	-0.016
35.059	-0.071	35.071	-0.062	35.081	-0.075	35.091	-0.105	38.213	-0.004	38.229	0.019	38.240	0.020	38.253	-0.036
35.101	-0.094	35.112	-0.129	35.123	-0.114	35.136	-0.107	38.266	-0.020	38.282	-0.040	38.299	-0.010	38.311	-0.016
35.146	-0.069	35.155	-0.075	35.165	-0.053	35.174	-0.038	38.323	-0.008	38.335	-0.000	38.351	-0.012	38.365	-0.025
35.182	-0.009	35.194	0.014	35.204	0.022	35.214	0.023	38.377	-0.017	38.391	-0.037	38.401	-0.036	38.417	-0.042
35.224	0.024	35.238	0.039	35.250	0.033	35.260	0.020	38.444	-0.048	38.454	-0.047	38.464	-0.046	38.468	-0.051
35.271	-0.000	35.283	-0.020	35.294	-0.040	35.313	-0.052	38.493	-0.043	38.493	-0.027	38.505	-0.039	38.518	-0.002
35.320	-0.094	35.331	-0.107	35.341	-0.112	35.353	-0.118	38.530	0.014	38.544	0.009	38.558	0.019	38.570	0.014
35.363	-0.116	35.375	-0.122	35.388	-0.113	35.399	-0.097	38.583	0.023	38.596	0.039	38.611	0.056	38.621	0.051

38.634	0.060	38.652	0.042	38.662	0.037	38.680	0.012	41.815	-0.020	41.828	-0.011	41.838	-0.015	41.848	0.001
38.658	-0.064	38.712	-0.071	38.729	-0.076	38.746	-0.068	41.856	-0.028	41.863	-0.036	41.867	-0.037	41.877	-0.039
38.759	-0.060	38.779	-0.066	38.784	-0.037	38.793	-0.044								
38.809	-0.015	38.822	-0.029	38.831	-0.050	38.842	-0.050								
38.855	-0.035	38.867	-0.077	38.879	-0.084	38.895	-0.055								
38.908	-0.047	38.920	-0.039	38.934	-0.009	38.941	-0.009								
38.952	-0.022	38.963	-0.020	38.979	0.009	38.992	-0.053								
39.002	-0.066	39.012	-0.079	39.026	-0.056	39.045	-0.056								
39.053	-0.102	39.067	-0.100	39.079	-0.085	39.094	-0.057								
39.106	-0.074	39.119	-0.072	39.130	-0.078	39.144	-0.076								
39.159	-0.082	39.168	-0.067	39.182	-0.051	39.191	-0.036								
39.203	-0.070	39.216	-0.055	39.226	-0.015	39.238	-0.080								
39.253	-0.065	39.274	-0.027	39.284	-0.033	39.299	-0.080								
39.311	-0.100	39.323	-0.091	39.340	-0.103	39.357	-0.087								
39.372	-0.056	39.385	-0.075	39.402	-0.079	39.416	-0.084								
39.430	-0.060	39.445	-0.036	39.455	-0.063	39.477	-0.031								
39.487	-0.044	39.498	0.029	39.508	0.038	39.521	0.089								
39.533	0.063	39.548	0.079	39.563	0.053	39.578	0.091								
39.586	0.135	39.598	0.080	39.609	0.039	39.622	0.019								
39.634	0.000	39.647	0.016	39.662	-0.003	39.672	-0.016								
39.683	-0.014	39.700	-0.040	39.713	-0.052	39.727	-0.043								
39.741	-0.048	39.758	-0.031	39.770	-0.051	39.782	-0.042								
39.794	-0.054	39.806	-0.059	39.817	-0.044	39.829	-0.035								
39.842	-0.033	39.859	0.004	39.871	-0.009	39.887	-0.000								
39.909	0.044	39.910	-0.012	39.921	-0.018	39.934	-0.046								
39.946	-0.045	39.952	-0.009	39.975	-0.044	39.991	-0.050								
40.007	-0.042	40.028	-0.026	40.042	-0.018	40.058	-0.030								
40.071	-0.043	40.083	-0.042	40.097	-0.041	40.113	-0.039								
40.129	-0.009	40.144	0.006	40.165	-0.005	40.182	0.011								
40.157	0.027	40.211	-0.013	40.229	-0.040	40.247	-0.023								
40.269	-0.006	40.286	-0.011	40.295	-0.031	40.310	-0.044								
40.327	0.022	40.338	-0.033	40.350	-0.017	40.361	-0.037								
40.371	-0.029	40.388	-0.027	40.402	-0.033	40.417	-0.024								
40.436	-0.014	40.446	-0.007	40.457	-0.020	40.473	-0.040								
40.484	-0.031	40.497	-0.016	40.508	-0.029	40.522	-0.021								
40.538	-0.012	40.551	-0.025	40.565	-0.002	40.578	-0.036								
40.592	-0.035	40.607	-0.041	40.622	-0.053	40.640	-0.016								
40.655	-0.014	40.669	-0.048	40.684	-0.046	40.700	-0.044								
40.711	-0.071	40.723	-0.069	40.739	-0.059	40.754	-0.057								
40.770	-0.033	40.785	-0.052	40.800	-0.029	40.817	-0.026								
40.832	-0.002	40.838	-0.037	40.854	-0.027	40.868	-0.018								
40.885	-0.015	40.899	-0.020	40.914	-0.010	40.933	-0.008								
40.948	0.001	40.967	-0.003	40.981	-0.008	40.997	0.008								
41.008	-0.011	41.016	-0.032	41.030	-0.015	41.036	-0.029								
41.049	-0.034	41.064	-0.053	41.080	-0.072	41.095	-0.056								
41.110	-0.018	41.124	-0.016	41.134	-0.036	41.148	-0.048								
41.166	0.039	41.180	-0.015	41.199	0.002	41.213	-0.003								
41.226	-0.015	41.247	-0.040	41.258	-0.038	41.276	-0.035								
41.294	-0.025	41.310	-0.030	41.325	-0.020	41.344	-0.017								
41.353	0.013	41.366	-0.013	41.382	0.003	41.403	0.014								
41.415	0.009	41.433	-0.038	41.445	-0.043	41.464	-0.026								
41.476	-0.046	41.493	-0.029	41.510	-0.006	41.530	0.047								
41.539	0.048	41.554	0.050	41.570	-0.005	41.588	0.076								
41.602	0.028	41.619	0.073	41.633	0.025	41.654	-0.015								
41.681	0.031	41.698	0.040	41.713	0.006	41.729	-0.035								
41.748	0.038	41.763	-0.004	41.780	0.004	41.800	-0.022								

3300 POINTS 41.877 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES TERMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0900 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.072	0.011	0.122	0.023	0.127	0.032	0.140	1.703	-0.046	1.714	0.009	1.724	0.027	1.738	0.045	1.752	0.022
0.044	0.126	0.054	0.080	0.066	0.020	0.081	0.001	1.752	0.022	1.764	-0.025	1.769	-0.085	1.783	-0.090	1.794	-0.025
0.093	-0.018	0.107	-0.046	0.114	-0.083	0.124	-0.111	1.754	-0.068	1.802	-0.046	1.810	-0.133	1.816	-0.147	1.827	-0.068
0.134	-0.144	0.146	-0.112	0.155	-0.117	0.165	-0.122	1.827	-0.106	1.833	-0.042	1.841	-0.013	1.847	-0.031	1.859	-0.042
0.179	-0.076	0.187	-0.021	0.193	-0.034	0.202	0.085	1.859	0.022	1.870	0.007	1.884	0.003	1.895	0.054	1.907	0.022
0.213	0.080	0.223	0.061	0.236	0.046	0.242	0.060	1.907	0.082	1.918	-0.074	1.933	-0.056	1.945	-0.061	1.960	-0.074
0.252	0.078	0.262	0.100	0.272	0.123	0.282	0.090	1.959	-0.065	1.969	-0.058	1.980	-0.003	1.988	-0.033	2.003	-0.058
0.293	0.034	0.300	-0.012	0.308	-0.027	0.320	-0.018	1.958	0.046	2.009	0.013	2.022	0.003	2.044	0.033	2.061	0.013
0.329	-0.009	0.336	-0.015	0.344	-0.024	0.354	-0.066	2.049	-0.007	2.061	0.006	2.070	-0.026	2.081	-0.045	2.106	-0.026
0.364	0.108	0.375	-0.150	0.384	-0.169	0.400	-0.132	2.054	-0.023	2.106	0.059	2.116	0.123	2.127	0.100	2.141	0.059
0.412	-0.056	0.427	-0.041	0.439	-0.014	0.446	0.008	2.135	0.063	2.155	0.049	2.162	0.133	2.172	0.133	2.187	0.049
0.458	0.012	0.467	0.003	0.477	0.002	0.489	0.029	2.180	0.054	2.189	-0.024	2.201	-0.038	2.212	-0.029	2.226	-0.024
0.503	0.047	0.515	0.023	0.523	0.028	0.533	0.053	2.228	-0.011	2.236	0.031	2.248	0.072	2.259	0.039	2.274	0.072
0.545	-0.117	0.557	-0.103	0.566	-0.062	0.581	-0.040	2.268	0.012	2.281	-0.011	2.293	0.016	2.305	-0.039	2.320	0.016
0.596	-0.013	0.609	-0.023	0.619	-0.015	0.628	0.003	2.314	-0.007	2.321	-0.007	2.329	-0.086	2.339	-0.036	2.354	-0.086
0.640	0.012	0.655	0.020	0.661	0.043	0.673	0.111	2.348	0.060	2.362	0.133	2.374	0.096	2.383	0.036	2.400	0.096
0.682	0.180	0.690	0.193	0.699	0.179	0.709	0.128	2.390	-0.002	2.404	0.044	2.415	0.071	2.428	0.034	2.441	0.071
0.724	0.071	0.733	0.029	0.742	0.006	0.753	-0.018	2.444	-0.036	2.460	-0.046	2.474	-0.070	2.480	-0.088	2.500	-0.070
0.762	-0.014	0.772	-0.014	0.779	-0.052	0.788	-0.103	2.453	-0.029	2.502	0.077	2.510	0.169	2.520	0.238	2.540	0.169
0.801	-0.145	0.810	-0.141	0.818	-0.109	0.830	-0.041	2.531	0.284	2.543	0.270	2.558	0.178	2.569	0.100	2.584	0.270
0.836	0.005	0.851	0.046	0.863	0.051	0.877	0.041	2.576	0.049	2.590	-0.002	2.603	-0.012	2.612	-0.016	2.628	-0.002
0.882	0.027	0.895	-0.005	0.906	-0.042	0.916	-0.037	2.619	-0.067	2.628	0.104	2.643	-0.086	2.652	-0.063	2.668	-0.086
0.924	-0.015	0.934	0.035	0.941	0.086	0.952	0.090	2.668	-0.031	2.680	-0.049	2.685	-0.072	2.695	-0.040	2.710	-0.072
0.956	0.044	0.966	-0.021	0.974	-0.071	0.989	-0.054	2.707	0.015	2.720	0.064	2.728	-0.004	2.735	-0.082	2.750	0.064
1.006	-0.048	1.014	-0.085	1.023	-0.122	1.035	-0.136	2.750	-0.156	2.757	-0.166	2.770	-0.037	2.782	-0.009	2.793	-0.037
1.049	-0.159	1.067	-0.177	1.073	-0.150	1.081	-0.054	2.783	-0.024	2.795	-0.061	2.809	-0.070	2.823	-0.071	2.839	-0.070
1.090	-0.007	1.103	0.039	1.109	0.081	1.116	0.094	2.835	-0.099	2.845	-0.104	2.860	-0.145	2.869	-0.155	2.884	-0.145
1.123	0.067	1.131	0.011	1.141	-0.017	1.149	-0.003	2.884	-0.114	2.893	-0.064	2.901	-0.032	2.917	-0.014	2.931	-0.032
1.160	0.039	1.174	0.085	1.181	0.085	1.191	0.089	2.932	0.022	2.937	0.006	2.947	0.040	2.961	0.067	2.976	0.040
1.199	0.075	1.213	0.070	1.223	0.061	1.236	0.056	2.967	0.002	2.977	-0.127	2.992	-0.188	3.005	-0.151	3.019	-0.188
1.244	0.069	1.252	0.115	1.263	0.082	1.272	0.031	3.017	-0.129	3.033	-0.033	3.039	-0.019	3.055	-0.031	3.069	-0.033
1.284	-0.029	1.294	-0.003	1.304	-0.034	1.317	0.027	3.065	-0.030	3.078	0.054	3.095	0.213	3.100	0.195	3.115	0.213
1.330	-0.017	1.348	-0.014	1.358	-0.040	1.373	0.027	3.121	0.222	3.132	0.240	3.135	0.129	3.149	0.013	3.165	0.129
1.382	-0.043	1.391	-0.081	1.406	-0.104	1.416	-0.086	3.160	-0.084	3.170	-0.103	3.185	-0.076	3.194	-0.104	3.210	-0.076
1.429	-0.059	1.440	-0.032	1.450	0.005	1.463	0.037	3.206	-0.113	3.220	-0.051	3.231	-0.059	3.237	-0.027	3.253	-0.059
1.474	0.032	1.486	0.045	1.505	0.056	1.515	0.049	3.246	0.014	3.259	0.042	3.277	0.082	3.285	0.077	3.303	0.082
1.523	-0.001	1.532	-0.075	1.542	-0.108	1.549	-0.099	3.302	0.123	3.305	0.035	3.323	0.053	3.337	0.002	3.353	0.053
1.555	-0.062	1.570	0.007	1.581	-0.016	1.594	-0.039	3.362	-0.115	3.362	-0.115	3.378	-0.147	3.388	-0.185	3.404	-0.147
1.607	-0.049	1.623	-0.063	1.638	-0.049	1.646	-0.072	3.395	-0.167	3.413	-0.058	3.429	-0.057	3.440	-0.090	3.456	-0.057
1.655	-0.035	1.668	0.006	1.681	-0.031	1.693	-0.059	3.443	-0.026	3.453	0.014	3.465	-0.236	3.481	-0.309	3.497	-0.236

3.482	0.309	3.494	0.179	3.500	0.105	3.505	0.077	5.653	-0.106	5.702	-0.037	5.714	-0.014	5.726	-0.023
3.517	0.122	3.524	0.177	3.534	0.200	3.545	0.176	5.735	-0.023	5.739	0.009	5.750	0.115	5.761	0.161
3.555	0.143	3.570	0.120	3.582	0.073	3.595	-0.006	5.767	0.156	5.781	0.142	5.796	0.138	5.807	0.179
3.607	-0.067	3.611	-0.085	3.620	-0.049	3.635	-0.006	5.817	0.013	5.822	-0.033	5.832	-0.052	5.843	-0.033
3.640	0.042	3.650	0.069	3.666	0.064	3.683	0.050	5.847	0.049	5.857	0.132	5.871	0.157	5.878	0.165
3.651	0.022	3.697	0.008	3.707	0.026	3.721	0.039	5.887	0.100	5.893	0.233	5.907	0.129	5.914	0.201
3.726	-0.012	3.736	-0.132	3.749	-0.026	3.764	-0.184	5.928	0.266	5.933	0.233	5.948	0.109	5.952	0.118
3.782	-0.101	3.784	-0.175	3.794	-0.212	3.814	-0.240	5.974	0.113	5.986	0.050	5.996	0.113	5.998	0.118
3.823	-0.199	3.827	-0.098	3.837	-0.019	3.844	-0.010	6.008	0.118	6.023	0.243	6.033	0.252	6.044	0.243
3.853	-0.057	3.860	-0.094	3.869	-0.126	3.883	-0.150	6.068	0.187	6.078	0.128	6.088	0.100	6.094	0.054
3.891	-0.071	3.898	0.002	3.906	0.071	3.911	0.136	6.102	0.114	6.107	0.128	6.115	0.056	6.125	0.031
3.926	0.200	3.932	0.177	3.939	0.139	3.951	0.130	6.138	-0.001	6.148	-0.047	6.151	-0.107	6.162	-0.172
3.956	0.125	3.959	0.143	3.973	0.078	3.984	0.013	6.172	-0.222	6.181	-0.180	6.182	-0.180	6.190	-0.065
3.997	-0.010	4.011	0.003	4.028	0.021	4.036	-0.039	6.196	-0.005	6.211	0.060	6.223	0.061	6.238	0.089
4.047	-0.081	4.055	-0.091	4.060	-0.049	4.071	0.015	6.239	0.089	6.246	0.029	6.258	0.002	6.275	0.044
4.087	0.051	4.095	0.046	4.106	0.088	4.120	0.142	6.283	0.030	6.293	-0.016	6.302	-0.057	6.311	-0.112
4.132	0.142	4.137	0.068	4.152	0.036	4.158	0.054	6.320	-0.153	6.332	-0.150	6.347	-0.226	6.350	-0.253
4.168	0.119	4.180	0.128	4.183	0.055	4.195	0.068	6.360	-0.267	6.370	-0.239	6.378	-0.192	6.390	-0.066
4.204	0.055	4.221	0.164	4.225	0.055	4.238	0.003	6.359	-0.021	6.407	0.035	6.415	0.090	6.421	0.026
4.243	-0.094	4.248	-0.140	4.258	-0.154	4.269	-0.145	6.433	-0.052	6.447	-0.058	6.464	-0.037	6.470	-0.060
4.276	-0.177	4.283	-0.251	4.289	-0.334	4.296	-0.362	6.481	0.009	6.489	0.083	6.496	0.175	6.505	0.236
4.302	-0.316	4.311	-0.228	4.316	-0.159	4.332	-0.058	6.515	0.245	6.527	0.208	6.536	0.139	6.546	0.070
4.335	-0.067	4.347	-0.104	4.359	-0.113	4.364	-0.113	6.556	0.064	6.564	0.066	6.571	0.126	6.579	0.158
4.376	-0.025	4.385	0.025	4.400	0.025	4.410	0.035	6.584	0.121	6.595	0.043	6.605	-0.063	6.617	-0.173
4.421	0.132	4.428	0.238	4.444	0.330	4.450	0.233	6.618	-0.156	6.626	-0.178	6.635	-0.127	6.643	-0.062
4.458	0.095	4.465	0.016	4.475	-0.094	4.483	-0.099	6.658	0.030	6.665	0.021	6.682	0.113	6.692	0.122
4.499	-0.007	4.499	-0.007	4.508	-0.039	4.519	-0.076	6.702	0.164	6.705	0.127	6.710	0.095	6.721	0.122
4.530	0.002	4.540	0.127	4.551	0.251	4.556	0.251	6.731	-0.090	6.745	-0.030	6.750	0.049	6.757	0.122
4.564	0.210	4.574	0.099	4.582	0.012	4.593	-0.053	6.768	0.210	6.785	0.228	6.793	0.191	6.798	0.141
4.607	-0.090	4.618	-0.062	4.627	-0.044	4.637	-0.136	6.811	0.081	6.823	0.076	6.831	0.085	6.838	0.062
4.644	-0.228	4.652	-0.334	4.659	-0.398	4.666	-0.472	6.848	0.002	6.863	-0.108	6.867	-0.127	6.875	-0.104
4.674	-0.463	4.682	-0.389	4.692	-0.287	4.704	-0.163	6.892	-0.053	6.907	-0.012	6.914	-0.016	6.922	-0.039
4.709	-0.048	4.713	-0.034	4.728	-0.084	4.736	-0.153	6.935	-0.055	6.952	-0.118	6.958	-0.026	6.962	-0.025
4.740	-0.222	4.745	-0.232	4.753	-0.190	4.760	-0.079	6.972	0.044	6.985	0.016	6.995	-0.021	7.003	0.011
4.770	0.082	4.779	0.225	4.791	0.281	4.801	0.249	7.015	0.076	7.029	0.108	7.046	0.108	7.053	0.172
4.805	0.143	4.817	0.115	4.834	0.129	4.851	0.120	7.059	0.166	7.071	0.274	7.082	0.301	7.088	0.264
4.859	0.102	4.863	0.056	4.874	0.028	4.883	-0.041	7.099	0.154	7.111	0.054	7.123	0.034	7.128	0.001
4.904	-0.109	4.914	-0.059	4.916	-0.068	4.924	-0.017	7.136	-0.031	7.153	-0.031	7.155	0.010	7.164	0.061
4.934	0.029	4.943	0.029	4.962	0.002	4.968	0.043	7.174	0.098	7.182	0.024	7.192	-0.050	7.198	-0.128
4.983	0.145	4.992	0.149	5.004	0.173	5.018	0.182	7.212	-0.188	7.229	-0.212	7.238	-0.207	7.247	-0.129
5.020	0.094	5.030	-0.016	5.036	-0.099	5.045	-0.127	7.252	-0.055	7.263	0.042	7.268	0.097	7.285	0.189
5.048	-0.081	5.056	0.002	5.068	0.053	5.075	-0.016	7.294	0.235	7.305	0.300	7.318	0.253	7.325	0.179
5.080	-0.081	5.090	-0.099	5.102	-0.053	5.116	0.035	7.336	0.165	7.341	0.221	7.350	0.271	7.358	0.294
5.129	0.049	5.131	-0.016	5.136	-0.053	5.151	-0.081	7.370	0.207	7.384	0.160	7.396	0.188	7.406	0.211
5.161	-0.044	5.173	0.012	5.189	-0.039	5.204	-0.081	7.416	0.156	7.430	0.062	7.450	0.077	7.466	0.063
5.223	-0.071	5.235	-0.071	5.252	-0.034	5.265	-0.034	7.475	-0.006	7.478	-0.080	7.493	-0.085	7.503	-0.011
5.277	-0.044	5.284	0.002	5.297	0.053	5.303	0.053	7.509	-0.052	7.515	-0.065	7.524	-0.140	7.542	-0.191
5.308	-0.007	5.325	-0.081	5.336	-0.007	5.348	-0.030	7.551	-0.196	7.551	-0.196	7.567	-0.099	7.580	-0.059
5.361	-0.048	5.371	-0.108	5.388	-0.131	5.394	-0.131	7.589	-0.136	7.642	-0.039	7.610	-0.034	7.620	-0.007
5.406	-0.141	5.421	-0.108	5.436	-0.131	5.441	-0.108	7.630	-0.034	7.642	-0.039	7.656	-0.034	7.667	-0.007
5.451	-0.011	5.455	0.090	5.467	0.054	5.474	0.008	7.674	-0.016	7.689	-0.011	7.697	-0.053	7.709	-0.085
5.485	-0.038	5.499	-0.001	5.508	-0.011	5.522	-0.026	7.724	-0.099	7.735	-0.104	7.746	-0.090	7.759	-0.094
5.532	-0.052	5.541	-0.112	5.557	-0.075	5.566	-0.070	7.770	-0.076	7.785	-0.011	7.797	0.016	7.803	0.076
5.581	-0.038	5.595	0.037	5.606	-0.060	5.607	-0.060	7.823	0.145	7.833	0.220	7.843	0.155	7.845	0.118
5.621	0.041	5.629	0.133	5.638	0.170	5.646	0.106	7.860	-0.187	7.870	0.224	7.870	0.164	7.883	0.076
5.656	0.014	5.664	-0.078	5.674	-0.138	5.685	-0.106	7.896	-0.030	7.901	-0.062	7.911	-0.108	7.924	-0.164

7.947	-0.136	7.957	-0.131	7.961	-0.127	7.975	-0.076	10.247	-0.085	10.255	-0.149	10.257	-0.186	10.267	-0.204
7.952	-0.048	7.997	-0.127	8.014	-0.053	8.024	0.025	10.277	-0.186	10.282	-0.167	10.285	-0.153	10.298	-0.185
8.036	0.136	8.046	0.067	8.055	0.042	8.075	0.049	10.310	-0.212	10.322	-0.257	10.329	-0.353	10.342	-0.353
8.089	-0.085	8.094	-0.159	8.103	-0.182	8.110	-0.150	10.351	-0.334	10.356	-0.334	10.365	-0.352	10.378	-0.337
8.123	0.062	8.133	0.062	8.148	0.095	8.161	0.035	10.381	-0.305	10.390	-0.254	10.398	-0.221	10.412	-0.180
8.165	-0.035	8.174	-0.062	8.186	0.011	8.191	0.122	10.424	-0.142	10.433	-0.096	10.442	-0.050	10.453	-0.050
8.202	0.187	8.216	0.200	8.227	0.168	8.234	0.103	10.466	0.015	10.474	0.075	10.480	0.182	10.506	0.247
8.248	0.126	8.254	0.117	8.270	0.149	8.287	0.149	10.512	0.298	10.519	0.321	10.525	0.321	10.532	0.303
8.297	0.085	8.308	0.089	8.316	0.103	8.331	0.107	10.544	0.254	10.547	0.266	10.560	0.299	10.567	0.299
8.336	0.070	8.350	0.001	8.358	-0.004	8.377	0.038	10.577	0.276	10.585	0.308	10.592	0.332	10.598	0.350
8.385	0.056	8.395	0.102	8.403	0.065	8.420	0.028	10.608	0.328	10.648	0.309	10.658	0.296	10.671	0.255
8.437	0.009	8.447	-0.037	8.461	-0.019	8.470	-0.019	10.638	0.328	10.648	0.309	10.658	0.296	10.671	0.255
8.485	-0.079	8.495	-0.093	8.502	-0.056	8.512	-0.038	10.687	0.195	10.695	0.154	10.702	0.145	10.719	0.168
8.519	-0.033	8.531	0.013	8.542	0.059	8.558	0.063	10.727	0.247	10.739	0.293	10.746	0.322	10.755	0.345
8.571	0.123	8.584	0.146	8.596	0.086	8.612	0.035	10.764	0.309	10.778	0.291	10.786	0.333	10.795	0.393
8.620	-0.024	8.637	-0.002	8.647	-0.038	8.659	-0.135	10.803	0.412	10.812	0.389	10.824	0.339	10.832	0.312
8.669	-0.218	8.680	-0.228	8.690	-0.209	8.693	-0.283	10.846	0.276	10.865	0.258	10.873	0.231	10.883	0.208
8.710	-0.126	8.721	-0.150	8.723	-0.223	8.729	-0.283	10.890	0.190	10.902	0.204	10.912	0.214	10.920	0.223
8.741	-0.316	8.747	-0.260	8.760	-0.187	8.775	-0.067	10.930	0.181	10.935	0.163	10.945	0.113	10.953	0.099
8.787	0.058	8.788	0.058	8.811	-0.026	8.814	-0.026	10.964	0.113	10.978	0.131	10.987	0.132	10.996	0.095
8.833	-0.044	8.838	-0.003	8.846	0.033	8.861	0.039	11.009	0.049	11.018	0.021	11.030	0.002	11.040	0.012
8.882	0.052	8.885	0.066	8.896	0.034	8.907	-0.012	11.059	0.035	11.059	0.104	11.068	0.164	11.076	0.196
8.913	-0.105	8.931	-0.206	8.944	-0.179	8.954	-0.220	11.085	0.136	11.100	0.164	11.105	0.201	11.108	0.099
8.955	-0.220	8.963	-0.151	8.973	-0.087	8.975	0.015	11.114	0.155	11.124	0.156	11.128	0.168	11.133	0.224
8.979	-0.009	8.989	0.093	9.001	0.111	9.012	0.143	11.142	0.155	11.153	0.201	11.161	0.219	11.172	0.237
9.024	0.240	9.036	0.313	9.041	0.327	9.056	0.309	11.177	0.191	11.186	0.122	11.193	0.089	11.199	0.085
9.059	0.253	9.072	0.225	9.087	0.188	9.096	0.179	11.210	-0.008	11.214	0.020	11.223	-0.012	11.233	0.011
9.110	0.124	9.122	0.068	9.140	0.003	9.151	-0.024	11.245	-0.027	11.252	-0.055	11.261	-0.056	11.277	-0.106
9.161	-0.024	9.173	-0.029	9.181	-0.057	9.187	-0.121	11.289	-0.143	11.294	-0.171	11.302	-0.222	11.311	-0.273
9.206	-0.205	9.217	-0.214	9.225	-0.265	9.245	-0.257	11.317	-0.331	11.331	-0.315	11.348	-0.324	11.363	-0.315
9.253	-0.283	9.262	-0.256	9.272	-0.163	9.275	-0.099	11.377	-0.301	11.390	-0.172	11.404	-0.084	11.413	-0.020
9.286	0.025	9.288	0.025	9.304	0.164	9.315	0.173	11.423	0.008	11.433	0.023	11.438	-0.019	11.447	-0.055
9.323	0.132	9.339	0.081	9.349	0.021	9.361	-0.067	11.453	-0.078	11.464	-0.067	11.473	-0.101	11.483	-0.114
9.366	-0.141	9.374	-0.200	9.383	-0.256	9.393	-0.316	11.489	-0.119	11.499	-0.100	11.508	-0.081	11.518	-0.085
9.397	-0.366	9.416	-0.385	9.426	-0.330	9.434	-0.320	11.528	-0.094	11.538	-0.020	11.546	0.022	11.553	0.045
9.454	-0.293	9.460	-0.283	9.467	-0.270	9.480	-0.191	11.559	0.064	11.571	0.041	11.582	0.041	11.588	0.042
9.494	-0.136	9.507	-0.136	9.515	-0.164	9.525	-0.205	11.597	0.097	11.606	0.148	11.613	0.176	11.624	0.144
9.539	-0.228	9.548	-0.297	9.559	-0.316	9.560	-0.343	11.629	0.084	11.635	0.052	11.641	0.020	11.653	0.034
9.571	-0.247	9.581	-0.154	9.596	-0.131	9.605	-0.191	11.662	-0.021	11.677	0.065	11.685	0.016	11.698	0.108
9.614	-0.182	9.623	-0.099	9.634	0.016	9.643	0.104	11.708	0.007	11.722	0.034	11.730	0.113	11.747	0.058
9.651	0.104	9.657	0.053	9.671	0.016	9.691	0.099	11.749	0.039	11.762	0.025	11.766	0.072	11.785	0.025
9.701	0.081	9.713	0.067	9.726	0.049	9.737	-0.021	11.800	-0.048	11.814	0.071	11.837	0.002	11.849	-0.021
9.749	0.039	9.760	0.076	9.773	0.076	9.780	0.081	11.862	-0.058	11.880	-0.071	11.895	-0.090	11.914	-0.113
9.796	0.090	9.805	0.127	9.813	0.132	9.822	0.122	11.922	-0.141	11.934	-0.182	11.944	-0.233	11.954	-0.283
9.832	0.108	9.840	0.095	9.853	0.100	9.861	0.132	11.961	-0.325	11.973	-0.366	11.973	-0.390	11.981	-0.401
9.868	0.183	9.886	0.156	9.897	0.156	9.907	0.175	11.995	-0.371	12.015	-0.292	12.032	-0.195	12.041	-0.144
9.924	0.176	9.938	0.140	9.949	0.141	9.962	0.151	12.054	-0.693	12.068	-0.037	12.082	0.055	12.094	0.097
9.968	0.151	9.978	0.128	9.989	0.092	9.996	0.051	12.107	0.158	12.115	0.214	12.130	0.256	12.138	0.275
10.002	0.042	10.010	0.098	10.020	0.163	10.023	0.195	12.148	0.253	12.161	0.249	12.171	0.245	12.177	0.231
10.028	0.232	10.041	0.172	10.041	0.172	10.047	0.159	12.184	0.213	12.192	0.163	12.200	0.135	12.205	0.103
10.058	0.154	10.061	0.164	10.073	0.205	10.086	0.233	12.214	0.085	12.230	0.051	12.244	0.105	12.254	0.138
10.093	0.201	10.109	0.173	10.113	0.150	10.117	0.187	12.264	0.157	12.273	0.162	12.285	0.066	12.297	0.011
10.124	0.118	10.131	0.145	10.139	0.085	10.141	0.021	12.309	-0.058	12.318	-0.131	12.331	-0.155	12.335	-0.210
10.146	-0.025	10.151	-0.058	10.155	-0.021	10.161	-0.054	12.351	-0.229	12.360	-0.270	12.367	-0.321	12.375	-0.367
10.169	0.007	10.174	-0.016	10.181	0.030	10.190	0.044	12.382	-0.390	12.390	-0.359	12.399	-0.371	12.409	-0.316
10.211	0.025	10.219	0.007	10.229	-0.021	10.239	-0.039	12.423	-0.233	12.434	-0.210	12.449	-0.191	12.465	-0.182

12.480	-0.145	12.490	-0.127	12.502	-0.164	12.521	-0.210	14.856	0.072	14.905	0.025	14.922	-0.016	14.936	-0.048
12.534	-0.228	12.542	-0.251	12.550	-0.274	12.563	-0.292	14.947	-0.071	14.960	-0.099	14.969	-0.099	14.984	-0.067
12.572	-0.310	12.588	-0.283	12.601	-0.250	12.609	-0.195	14.957	-0.039	15.009	-0.002	15.025	-0.016	15.041	-0.021
12.614	-0.163	12.621	-0.126	12.628	-0.107	12.637	-0.075	15.057	-0.011	15.070	0.002	15.085	-0.007	15.097	-0.021
12.645	-0.074	12.652	-0.097	12.667	-0.111	12.678	-0.115	15.111	-0.048	15.130	-0.048	15.147	-0.058	15.163	-0.071
12.689	-0.124	12.700	-0.143	12.708	-0.170	12.722	-0.184	15.175	-0.081	15.188	-0.021	15.195	-0.007	15.206	0.012
12.729	-0.124	12.745	-0.068	12.763	-0.054	12.783	-0.012	15.226	0.016	15.241	0.025	15.253	0.035	15.264	0.058
12.798	0.002	12.815	-0.007	12.833	-0.021	12.842	-0.035	15.272	0.099	15.284	0.122	15.294	0.145	15.307	0.155
12.856	-0.021	12.869	0.016	12.877	0.044	12.888	0.072	15.320	0.155	15.333	0.118	15.346	0.099	15.357	0.067
12.901	0.076	12.913	0.062	12.928	0.044	12.939	0.025	15.366	0.044	15.371	0.016	15.384	0.016	15.393	0.039
12.948	-0.007	12.958	-0.030	12.966	-0.039	12.975	-0.021	15.409	0.025	15.418	0.002	15.428	-0.016	15.443	0.007
12.987	-0.002	12.997	-0.039	13.009	-0.131	13.017	-0.159	15.453	0.044	15.466	-0.002	15.479	-0.007	15.491	-0.025
13.029	-0.131	13.040	-0.108	13.049	-0.090	13.060	-0.117	15.509	-0.025	15.524	-0.025	15.539	-0.039	15.555	-0.021
13.078	-0.145	13.087	-0.131	13.100	-0.094	13.112	-0.067	15.569	-0.002	15.582	0.002	15.597	0.016	15.612	0.030
13.127	-0.044	13.145	-0.025	13.161	0.002	13.176	0.039	15.632	-0.026	15.650	-0.001	15.670	-0.029	15.689	-0.038
13.183	0.062	13.190	0.062	13.203	0.058	13.214	0.058	15.703	-0.042	15.713	-0.056	15.729	-0.032	15.744	-0.009
13.221	0.090	13.231	0.118	13.236	0.150	13.244	0.159	15.759	0.000	15.777	-0.008	15.791	-0.059	15.802	-0.091
13.257	0.118	13.264	0.085	13.275	0.035	13.281	-0.011	15.811	-0.118	15.822	-0.141	15.834	-0.127	15.851	-0.090
13.292	-0.053	13.302	-0.085	13.311	-0.104	13.323	-0.094	15.868	-0.053	15.878	-0.039	15.887	-0.021	15.894	0.002
13.335	-0.094	13.345	-0.094	13.356	-0.113	13.367	-0.076	15.904	-0.021	15.922	-0.034	15.938	-0.039	15.955	-0.039
13.372	-0.039	13.379	-0.007	13.391	-0.016	13.394	0.026	15.972	-0.016	15.985	-0.048	15.994	-0.076	16.008	-0.099
13.401	-0.002	13.410	-0.025	13.418	-0.066	13.426	-0.099	16.018	-0.131	16.031	-0.140	16.052	-0.140	16.075	-0.139
13.431	-0.122	13.439	-0.131	13.447	-0.121	13.453	-0.098	16.091	-0.171	16.098	-0.199	16.110	-0.208	16.124	-0.166
13.463	-0.066	13.478	-0.066	13.491	-0.057	13.504	-0.061	16.126	-0.128	16.155	-0.091	16.175	-0.067	16.186	-0.020
13.514	-0.070	13.521	-0.056	13.531	-0.024	13.543	0.031	16.201	0.008	16.219	0.018	16.233	0.028	16.252	0.010
13.552	0.026	13.558	0.128	13.569	0.179	13.579	0.212	16.276	-0.022	16.288	-0.049	16.299	-0.072	16.314	-0.099
13.585	0.262	13.594	0.226	13.606	0.208	13.618	0.186	16.331	-0.080	16.343	-0.029	16.355	-0.010	16.371	-0.014
13.625	0.172	13.639	0.173	13.651	0.173	13.657	0.151	16.386	-0.014	16.396	0.009	16.416	-0.013	16.431	-0.041
13.667	0.119	13.676	0.082	13.690	0.051	13.703	0.029	16.447	-0.077	16.460	-0.109	16.467	-0.132	16.479	-0.141
13.715	-0.003	13.727	-0.021	13.736	-0.039	13.746	-0.070	16.500	-0.136	16.513	-0.076	16.533	-0.053	16.543	0.007
13.755	-0.088	13.763	-0.056	13.773	-0.009	13.780	0.037	16.551	0.039	16.562	0.063	16.574	0.031	16.585	-0.015
13.792	0.014	13.801	0.051	13.809	0.028	13.821	0.019	16.594	-0.038	16.602	-0.057	16.616	-0.066	16.627	-0.038
13.836	0.019	13.850	0.019	13.862	0.052	13.872	0.079	16.638	-0.006	16.657	-0.014	16.672	-0.033	16.684	-0.046
13.881	0.107	13.889	0.112	13.897	0.088	13.906	0.060	16.705	-0.013	16.719	-0.008	16.732	-0.045	16.745	-0.082
13.913	0.033	13.922	0.055	13.932	0.087	13.939	0.120	16.759	-0.100	16.771	-0.008	16.792	-0.131	16.807	-0.145
13.948	0.138	13.962	0.114	13.978	0.082	13.995	0.040	16.826	-0.154	16.848	-0.153	16.865	-0.162	16.884	-0.175
14.006	0.008	14.012	-0.025	14.021	-0.052	14.034	-0.062	16.899	-0.189	16.908	-0.207	16.922	-0.207	16.938	-0.183
14.047	-0.039	14.066	-0.021	14.074	-0.002	14.082	0.002	16.954	-0.137	16.969	-0.096	16.979	-0.063	16.999	-0.044
14.093	-0.030	14.104	-0.058	14.111	-0.076	14.121	-0.108	17.012	-0.012	17.025	0.016	17.037	0.025	17.052	0.016
14.134	-0.094	14.147	-0.044	14.154	-0.030	14.162	-0.016	17.068	-0.007	17.089	-0.025	17.108	-0.056	17.121	-0.065
14.171	-0.048	14.181	-0.099	14.192	-0.122	14.200	-0.154	17.135	-0.051	17.157	-0.005	17.172	0.024	17.194	0.034
14.209	-0.177	14.222	-0.187	14.230	-0.173	14.243	-0.113	17.207	0.053	17.221	0.067	17.239	0.068	17.251	0.069
14.248	-0.085	14.256	-0.053	14.265	-0.044	14.280	-0.044	17.264	0.074	17.272	0.083	17.290	0.065	17.312	0.056
14.289	-0.067	14.298	-0.085	14.306	-0.104	14.319	-0.053	17.329	0.070	17.347	0.053	17.374	0.103	17.391	0.102
14.332	-0.011	14.343	0.035	14.354	0.085	14.362	0.136	17.425	0.125	17.445	0.143	17.464	0.165	17.494	0.179
14.369	0.164	14.379	0.164	14.392	0.127	14.405	0.122	17.509	0.192	17.524	0.157	17.539	0.183	17.563	0.118
14.414	0.108	14.424	0.127	14.429	0.145	14.445	0.155	17.584	0.099	17.606	0.072	17.623	0.085	17.636	0.090
14.452	0.150	14.468	0.155	14.477	0.168	14.487	0.173	17.648	0.085	17.663	0.058	17.672	0.049	17.684	0.072
14.498	0.178	14.510	0.159	14.523	0.122	14.540	0.108	17.698	-0.072	17.722	-0.049	17.749	-0.039	17.778	-0.002
14.555	0.085	14.566	0.053	14.575	0.025	14.584	0.002	17.807	-0.039	17.819	-0.048	17.835	-0.044	17.856	-0.021
14.600	0.025	14.613	0.039	14.625	0.072	14.637	0.118	17.878	-0.007	17.898	0.021	17.916	0.039	17.934	0.025
14.648	0.136	14.668	0.132	14.684	0.122	14.695	0.104	17.953	0.016	17.966	0.016	17.978	-0.011	18.000	-0.067
14.707	0.085	14.717	0.072	14.728	0.053	14.737	0.012	18.019	-0.090	18.034	-0.059	18.044	-0.090	18.055	-0.122
14.746	-0.007	14.752	-0.034	14.763	-0.034	14.779	-0.016	18.082	-0.140	18.097	-0.140	18.124	-0.167	18.149	-0.171
14.789	0.012	14.801	0.039	14.813	0.076	14.823	0.095	18.166	-0.152	18.178	-0.143	18.195	-0.156	18.208	-0.151
14.835	-0.095	14.847	0.081	14.864	0.072	14.880	0.076	18.220	-0.150	18.236	-0.154	18.258	-0.149	18.277	-0.144

18.289	-0.125	18.303	-0.073	18.314	-0.055	18.333	-0.035	22.230	-0.025	22.242	-0.011	22.248	0.003	22.263	0.013
18.354	-0.011	18.375	0.003	18.384	0.004	18.394	0.022	22.276	0.013	22.287	0.014	22.299	0.014	22.314	0.015
18.407	-0.055	18.418	0.065	18.427	0.061	18.438	0.052	22.326	0.015	22.336	0.011	22.349	0.007	22.358	0.002
18.455	0.062	18.466	0.071	18.489	0.072	18.504	0.063	22.373	-0.011	22.387	-0.020	22.401	-0.019	22.413	-0.019
18.518	0.036	18.529	0.009	18.543	0.005	18.555	0.010	22.425	-0.023	22.439	-0.041	22.456	-0.050	22.467	-0.059
18.576	0.034	18.601	0.042	18.615	0.086	18.623	0.086	22.480	-0.067	22.492	-0.041	22.503	-0.076	22.512	-0.076
18.642	0.073	18.654	0.092	18.666	0.111	18.676	0.112	22.527	-0.080	22.539	-0.098	22.549	-0.116	22.560	-0.139
18.655	0.099	18.710	0.086	18.725	0.064	18.741	0.019	22.578	-0.162	22.587	-0.143	22.598	-0.138	22.610	-0.143
18.753	-0.013	18.770	-0.026	18.785	-0.034	18.802	-0.065	22.618	-0.143	22.626	-0.142	22.636	-0.137	22.649	-0.133
18.816	-0.101	18.828	-0.110	18.841	-0.104	18.860	-0.066	22.664	-0.118	22.677	-0.118	22.689	-0.113	22.696	-0.104
18.884	-0.023	18.897	-0.009	18.915	0.006	18.931	0.016	22.710	-0.059	22.721	-0.108	22.727	-0.117	22.739	-0.121
18.952	0.035	18.965	0.022	18.984	0.004	19.006	-0.050	22.752	-0.102	22.763	-0.058	22.774	-0.088	22.785	-0.079
19.027	-0.099	19.037	-0.108	19.055	-0.075	19.061	-0.074	22.798	-0.064	22.807	-0.064	22.819	-0.055	22.829	-0.045
19.076	-0.087	19.090	-0.100	19.106	-0.081	19.121	-0.070	22.840	-0.036	22.848	-0.022	22.858	-0.034	22.867	-0.026
19.136	-0.074	19.162	-0.081	19.190	-0.066	19.207	-0.037	22.877	-0.035	22.886	-0.035	22.895	-0.034	22.903	-0.043
19.224	-0.012	19.247	-0.025	19.264	-0.033	19.277	-0.018	22.921	-0.043	22.941	-0.024	22.954	-0.019	22.966	-0.005
19.288	0.066	19.310	0.017	19.325	0.004	19.347	-0.022	22.978	-0.009	22.987	0.009	22.996	0.014	23.007	0.014
19.364	-0.039	19.383	-0.038	19.395	-0.051	19.416	-0.087	23.019	0.014	23.029	0.014	23.036	0.001	23.044	0.001
19.434	-0.091	19.448	-0.110	19.461	-0.105	19.472	-0.091	23.053	0.001	23.063	0.001	23.072	0.001	23.082	0.006
19.489	-0.085	19.505	-0.081	19.522	-0.058	19.542	-0.044	23.091	0.020	23.104	0.034	23.115	0.048	23.125	0.048
19.557	-0.048	19.579	-0.067	19.603	-0.071	19.621	-0.070	23.133	0.048	23.141	0.048	23.152	0.043	23.163	0.043
19.637	-0.046	19.663	0.001	19.684	0.034	19.699	0.043	23.173	0.043	23.180	0.043	23.190	0.039	23.200	0.034
19.711	0.030	19.729	-0.014	19.747	-0.013	19.772	-0.007	23.208	-0.025	23.219	0.011	23.231	-0.016	23.244	-0.039
19.795	0.008	19.817	0.032	19.850	0.034	19.868	0.040	23.253	-0.071	23.266	-0.094	23.274	-0.104	23.285	-0.104
19.888	0.082	19.905	0.097	19.924	0.084	19.944	0.075	23.294	-0.104	23.304	-0.104	23.313	-0.104	23.322	-0.104
19.958	0.052	19.968	0.053	19.989	0.072	20.004	0.095	23.333	-0.117	23.345	-0.122	23.354	-0.108	23.365	-0.104
20.019	0.114	20.047	0.119	20.075	0.124	20.088	0.125	23.376	-0.114	23.388	-0.104	23.398	-0.104	23.406	-0.104
20.112	0.107	20.138	0.079	20.153	0.066	20.176	0.062	23.415	-0.103	23.425	-0.054	23.435	-0.053	23.447	-0.093
20.190	0.044	20.209	0.017	20.238	0.000	20.259	0.006	23.456	-0.084	23.467	-0.083	23.477	-0.083	23.488	-0.078
20.276	0.007	20.298	0.003	20.316	-0.000	20.336	-0.036	23.499	-0.078	23.508	-0.063	23.524	-0.053	23.538	-0.070
20.359	-0.063	20.376	-0.071	20.388	-0.084	20.413	-0.120	23.559	-0.097	23.572	-0.087	23.585	-0.072	23.603	-0.057
20.439	-0.109	20.447	-0.118	20.472	-0.149	20.491	-0.134	23.618	-0.047	23.630	-0.037	23.645	-0.041	23.658	-0.059
20.518	-0.119	20.541	-0.094	20.568	-0.074	20.586	-0.059	23.672	-0.058	23.685	-0.053	23.701	-0.066	23.714	-0.074
20.603	-0.044	20.629	-0.020	20.658	0.009	20.687	0.010	23.725	-0.065	23.735	-0.073	23.751	-0.082	23.765	-0.104
20.705	-0.003	20.725	-0.040	20.743	-0.067	20.759	-0.076	23.774	-0.113	23.786	-0.121	23.801	-0.129	23.812	-0.138
20.861	-0.055	20.880	-0.068	20.896	-0.054	20.915	-0.035	23.825	-0.146	23.836	-0.150	23.849	-0.131	23.857	-0.112
20.929	-0.044	20.947	-0.053	20.972	-0.044	20.999	-0.044	23.869	-0.102	23.877	-0.083	23.888	-0.063	23.900	-0.053
21.020	-0.048	21.043	-0.056	21.068	-0.037	21.098	-0.027	23.912	-0.043	23.922	-0.019	23.934	-0.014	23.947	0.006
21.124	-0.026	21.148	-0.024	21.166	-0.014	21.179	-0.004	23.957	-0.003	23.970	0.002	23.981	0.026	23.995	0.013
21.205	-0.021	21.227	-0.024	21.249	-0.027	21.273	-0.003	24.003	0.014	24.018	0.029	24.030	0.057	24.039	0.030
21.256	0.003	21.322	0.004	21.345	0.019	21.363	0.017	24.053	-0.022	24.066	0.027	24.082	0.019	24.097	0.010
21.386	-0.048	21.399	-0.048	21.428	-0.014	21.456	0.034	24.108	-0.012	24.117	-0.021	24.129	-0.034	24.143	-0.024
21.472	0.072	21.490	0.101	21.512	0.107	21.532	0.103	24.154	-0.047	24.170	-0.046	24.187	-0.036	24.202	-0.044
21.544	-0.076	21.560	0.045	21.583	-0.004	21.605	-0.017	24.212	-0.062	24.224	-0.052	24.237	-0.047	24.250	-0.037
21.619	0.007	21.643	0.046	21.663	0.056	21.696	0.044	24.266	-0.001	24.277	-0.040	24.296	-0.021	24.308	-0.025
21.718	0.064	21.741	0.074	21.762	0.052	21.790	0.026	24.327	-0.029	24.340	-0.028	24.357	0.001	24.376	-0.020
21.820	0.023	21.839	0.020	21.861	-0.016	21.876	-0.033	24.396	-0.045	24.405	-0.028	24.420	-0.004	24.435	-0.016
21.889	-0.023	21.902	-0.004	21.916	0.011	21.926	0.011	24.456	-0.015	24.470	-0.000	24.485	-0.005	24.499	-0.029
21.940	0.016	21.950	0.021	21.962	0.021	21.977	-0.002	24.512	0.002	24.525	0.041	24.541	0.027	24.556	0.060
21.984	-0.016	21.993	-0.030	22.002	-0.034	22.011	-0.034	24.564	0.042	24.573	0.047	24.586	0.032	24.597	0.071
22.018	-0.044	22.030	-0.039	22.039	-0.025	22.046	-0.020	24.611	0.091	24.624	0.100	24.638	0.119	24.656	0.087
22.058	-0.011	22.069	-0.029	22.078	-0.038	22.091	-0.047	24.665	0.078	24.678	0.050	24.691	0.046	24.702	0.055
22.099	-0.066	22.113	-0.038	22.120	-0.028	22.131	-0.024	24.715	0.060	24.734	0.102	24.744	0.065	24.759	0.079
22.142	-0.019	22.155	-0.023	22.169	-0.027	22.178	-0.037	24.773	0.066	24.789	0.070	24.801	0.089	24.818	0.113
22.188	-0.041	22.196	-0.041	22.206	-0.026	22.218	-0.026	24.828	0.090	24.845	0.105	24.858	0.064	24.873	0.060
								24.888	0.056	24.900	0.075	24.918	0.084	24.929	0.117

24.943	0.085	24.959	0.086	24.984	0.083	24.991	0.061	27.598	-0.001	28.007	-0.019	28.026	-0.018	28.033	-0.023
25.006	0.034	25.009	0.002	25.029	0.027	25.047	0.032	28.044	-0.041	28.057	-0.050	28.072	-0.026	28.087	0.003
25.053	0.005	25.064	0.010	25.085	0.044	25.098	0.036	28.097	0.003	28.109	0.017	28.126	0.023	28.140	0.028
25.111	0.055	25.123	0.056	25.144	-0.007	25.155	-0.020	28.150	-0.004	28.167	0.014	28.184	0.044	28.200	0.022
25.174	-0.018	25.189	-0.054	25.206	-0.043	25.222	-0.046	28.214	0.023	28.227	0.015	28.235	0.010	28.253	0.020
25.234	-0.059	25.246	-0.044	25.262	-0.029	25.277	-0.037	28.261	0.030	28.275	0.008	28.289	0.022	28.299	-0.000
25.294	-0.004	25.306	-0.026	25.322	0.017	25.330	0.008	28.311	0.023	28.324	0.033	28.333	0.034	28.351	0.030
25.345	0.019	25.357	-0.022	25.370	0.011	25.380	-0.020	28.356	0.040	28.369	0.017	28.383	0.036	28.394	0.037
25.395	0.004	25.405	0.014	25.421	-0.013	25.431	-0.022	28.410	-0.008	28.423	-0.003	28.435	0.002	28.450	-0.002
25.453	-0.002	25.463	-0.029	25.480	0.004	25.496	-0.028	28.461	-0.011	28.483	-0.005	28.495	-0.019	28.504	-0.018
25.503	-0.041	25.521	-0.004	25.528	0.006	25.539	-0.017	28.521	0.015	28.534	-0.008	28.550	0.039	28.559	0.044
25.556	-0.007	25.570	-0.029	25.592	-0.028	25.602	-0.005	28.568	0.049	28.583	0.054	28.599	0.041	28.608	0.023
25.614	-0.041	25.629	-0.050	25.645	-0.035	25.657	-0.026	28.616	-0.009	28.630	-0.008	28.640	-0.031	28.654	-0.003
25.674	-0.062	25.682	-0.057	25.698	-0.019	25.711	-0.023	28.667	0.030	28.678	0.021	28.690	0.017	28.705	-0.014
25.724	-0.009	25.733	0.001	25.747	-0.010	25.760	-0.026	28.715	-0.014	28.728	0.005	28.737	0.019	28.743	-0.008
25.778	-0.035	25.789	-0.034	25.803	-0.047	25.812	-0.070	28.758	0.011	28.773	0.016	28.783	0.025	28.798	0.040
25.827	-0.074	25.842	-0.064	25.859	-0.059	25.874	-0.040	28.811	0.059	28.823	0.013	28.831	0.009	28.848	0.019
25.893	-0.011	25.905	-0.006	25.917	-0.017	25.931	-0.042	28.868	0.056	28.881	0.061	28.891	0.039	28.907	0.030
25.947	-0.018	25.955	-0.045	25.974	-0.026	25.990	-0.025	28.914	0.035	28.927	0.012	28.944	0.040	28.965	0.041
26.003	0.017	26.025	0.050	26.029	0.018	26.046	0.010	28.977	0.032	28.987	0.019	28.996	-0.008	29.005	-0.013
26.062	0.006	26.081	0.007	26.098	0.013	26.122	0.064	29.020	-0.012	29.032	-0.021	29.041	-0.002	29.055	-0.011
26.139	0.047	26.153	-0.008	26.169	-0.021	26.185	0.030	29.067	0.008	29.082	0.008	29.091	-0.019	29.100	0.005
26.203	0.027	26.218	0.032	26.241	0.051	26.245	0.061	29.105	-0.018	29.121	0.010	29.128	0.006	29.143	-0.003
26.257	0.034	26.276	0.058	26.286	-0.044	26.298	0.058	29.152	-0.003	29.169	0.035	29.181	0.012	29.196	0.004
26.314	0.064	26.332	0.014	26.353	-0.027	26.366	-0.026	29.210	0.023	29.228	0.004	29.245	-0.014	29.255	-0.022
26.386	-0.003	26.399	0.002	26.418	0.003	26.433	0.022	29.254	-0.031	29.275	-0.040	29.288	-0.044	29.302	-0.030
26.444	0.005	26.457	-0.013	26.475	-0.007	26.492	-0.030	29.318	-0.038	29.328	-0.029	29.336	-0.010	29.350	0.036
26.500	-0.048	26.516	-0.047	26.536	-0.004	26.553	0.002	29.353	0.013	29.366	0.018	29.383	0.000	29.395	0.010
26.570	-0.020	26.581	0.003	26.597	0.009	26.611	0.014	29.410	0.001	29.420	0.011	29.428	-0.012	29.437	0.002
26.627	0.029	26.638	0.043	26.649	0.012	26.662	0.026	29.453	0.039	29.463	0.026	29.468	-0.008	29.476	-0.006
26.674	0.023	26.684	0.000	26.694	-0.004	26.704	-0.017	29.485	-0.029	29.497	-0.019	29.514	-0.005	29.519	-0.032
26.716	-0.003	26.731	-0.016	26.740	-0.010	26.761	-0.014	29.533	-0.013	29.550	-0.031	29.565	-0.035	29.576	-0.026
26.770	-0.023	26.783	-0.032	26.800	-0.036	26.814	-0.040	29.586	-0.011	29.601	0.026	29.608	0.026	29.618	0.036
26.830	-0.063	26.846	-0.058	26.855	-0.076	26.869	-0.076	29.632	-0.059	29.641	0.050	29.647	0.014	29.664	0.000
26.882	-0.066	26.894	-0.057	26.911	-0.065	26.926	-0.060	29.675	-0.004	29.689	0.016	29.697	0.007	29.704	-0.006
26.937	-0.074	26.952	-0.087	26.964	-0.082	26.974	-0.082	29.721	0.041	29.732	0.046	29.742	0.047	29.752	0.043
26.985	-0.081	26.991	-0.072	27.001	-0.072	27.013	-0.062	29.767	0.034	29.782	0.049	29.789	0.013	29.804	0.009
27.020	-0.057	27.029	-0.039	27.042	-0.006	27.054	0.013	29.819	-0.041	29.827	-0.045	29.840	-0.040	29.857	0.003
27.065	0.041	27.076	0.033	27.089	0.052	27.100	0.048	29.869	0.013	29.876	-0.005	29.890	0.028	29.899	0.001
27.112	0.062	27.123	0.054	27.131	0.036	27.148	0.037	29.914	0.030	29.926	0.021	29.939	0.054	29.950	0.041
27.158	0.042	27.172	0.061	27.189	0.030	27.201	0.035	29.954	0.023	29.968	0.056	29.981	0.066	29.996	0.035
27.222	0.035	27.231	0.023	27.247	0.052	27.261	0.044	30.001	-0.002	30.019	0.027	30.031	0.032	30.050	0.033
27.274	0.049	27.290	0.055	27.307	0.056	27.322	0.057	30.050	0.033	30.065	0.024	30.076	0.006	30.084	-0.016
27.339	0.040	27.350	0.022	27.368	0.019	27.389	0.052	30.098	-0.011	30.112	0.021	30.117	0.026	30.128	0.036
27.405	0.072	27.417	0.082	27.428	0.064	27.444	0.116	30.140	0.045	30.151	0.046	30.161	0.032	30.170	0.010
27.452	0.071	27.468	0.104	27.482	0.087	27.494	0.042	30.185	-0.008	30.199	0.001	30.213	-0.017	30.231	-0.007
27.504	0.033	27.520	0.043	27.542	0.045	27.551	0.027	30.243	-0.006	30.261	-0.015	30.271	-0.015	30.283	-0.015
27.561	0.018	27.577	0.005	27.590	-0.012	27.600	-0.021	30.296	-0.010	30.311	0.032	30.327	0.033	30.339	0.015
27.618	0.008	27.626	-0.001	27.638	-0.018	27.652	-0.013	30.357	0.020	30.370	0.043	30.382	0.043	30.388	0.048
27.660	-0.036	27.668	-0.035	27.679	-0.034	27.701	-0.001	30.403	0.063	30.418	0.077	30.435	0.073	30.442	0.054
27.709	-0.010	27.722	-0.024	27.734	-0.018	27.741	-0.009	30.453	0.036	30.467	0.009	30.480	0.014	30.486	-0.013
27.756	-0.018	27.768	-0.003	27.777	-0.003	27.789	-0.016	30.506	0.029	30.516	0.030	30.528	0.021	30.539	0.021
27.797	-0.030	27.814	-0.025	27.826	-0.020	27.843	-0.019	30.554	0.036	30.566	0.018	30.581	0.051	30.602	0.010
27.860	-0.018	27.862	-0.041	27.876	-0.027	27.887	-0.013	30.617	0.015	30.622	-0.012	30.634	0.007	30.657	0.045
27.902	-0.013	27.907	-0.017	27.916	-0.003	27.933	0.011	30.665	0.008	30.682	0.023	30.691	0.023	30.715	0.001
27.944	0.016	27.951	-0.002	27.961	-0.011	27.975	0.003	30.726	-0.007	30.745	0.022	30.761	0.013	30.778	0.014

30.799	0.034	30.814	0.020	30.828	-0.016	30.848	0.022	34.149	0.034	34.159	0.040	34.173	C-036	34.181	0.028
30.861	0.032	30.877	0.038	30.888	0.034	30.904	0.035	34.190	0.024	34.200	0.025	34.209	C-021	34.218	0.021
30.919	0.027	30.926	0.013	30.948	0.061	30.965	0.025	34.228	0.017	34.238	0.008	34.246	-C-000	34.257	-C-009
30.976	0.035	30.994	0.013	31.007	0.032	31.016	0.019	34.269	-0.012	34.279	-C-021	34.291	-C-034	34.303	-C-037
31.030	0.052	31.043	0.067	31.057	0.045	31.069	0.050	34.313	-0.045	34.322	-0.045	34.333	-C-030	34.344	-C-034
31.086	0.046	31.104	0.047	31.114	0.039	31.123	0.003	34.354	-0.014	34.363	-0.008	34.373	-C-003	34.382	0.003
31.136	0.017	31.150	0.027	31.162	0.032	31.175	0.033	34.392	C-009	34.402	C-014	34.414	C-015	34.422	0.012
31.187	0.002	31.204	0.026	31.226	0.036	31.235	0.032	34.431	C-008	34.441	C-005	34.455	-C-017	34.467	-C-034
31.252	0.038	31.262	0.029	31.276	0.025	31.287	-0.002	34.477	-0.042	34.490	-0.045	34.501	-C-026	34.514	-0.015
31.303	-0.001	31.315	-0.009	31.337	0.010	31.341	0.011	34.526	C-000	34.545	C-029	34.555	C-008	34.571	0.033
31.353	-0.003	31.366	0.003	31.377	0.003	31.385	-0.001	34.578	C-010	34.595	0.011	34.606	C-012	34.619	-0.010
31.406	0.010	31.417	-0.013	31.420	-0.022	31.431	-0.012	34.631	-0.019	34.644	-0.013	34.655	C-001	34.666	0.011
31.451	-0.029	31.464	-0.019	31.477	-0.009	31.500	0.038	34.682	0.007	34.693	-C-010	34.705	-0.009	34.717	-0.027
31.513	0.039	31.523	-0.017	31.550	0.032	31.556	-0.014	34.733	-0.021	34.743	-C-025	34.756	-C-028	34.766	-0.023
31.575	-0.013	31.597	0.044	31.602	-0.020	31.617	-0.019	34.776	-0.022	34.791	-C-030	34.805	-C-038	34.816	-0.033
31.633	-0.018	31.650	-0.008	31.663	-0.007	31.682	-0.002	34.827	-0.027	34.835	-0.017	34.845	-C-007	34.854	-C-002
31.698	0.031	31.710	0.027	31.733	0.069	31.741	0.051	34.864	-0.001	34.878	-0.005	34.891	-C-009	34.902	-0.003
31.759	0.052	31.781	0.062	31.802	0.017	31.830	0.041	34.917	-C-002	34.930	-C-010	34.944	-C-009	34.954	-0.008
31.833	0.009	31.846	0.014	31.863	0.019	31.882	0.015	34.968	-0.012	34.980	-0.006	34.991	-0.015	34.995	0.004
31.900	0.025	31.916	0.021	31.932	0.012	31.949	0.004	35.008	0.024	35.018	0.034	35.031	-0.015	35.043	C-040
31.974	0.023	31.988	0.018	32.011	0.037	32.025	0.052	35.057	0.036	35.070	C-019	35.084	C-011	35.096	0.007
32.037	0.001	32.076	0.030	32.077	-0.002	32.095	C-012	35.111	-0.015	35.125	-0.014	35.142	-0.013	35.152	-C-017
32.115	0.045	32.135	-0.022	32.159	0.041	32.176	C-046	35.166	-0.003	35.182	-C-003	35.196	-0.010	35.207	-0.019
32.201	0.029	32.209	0.038	32.223	-0.003	32.244	0.002	35.219	-0.018	35.235	-C-040	35.248	-0.057	35.262	-C-052
32.273	0.045	32.302	-0.018	32.319	-0.004	32.335	0.011	35.277	-0.051	35.288	-0.032	35.298	-0.031	35.312	-0.016
32.363	0.021	32.380	0.017	32.400	0.018	32.410	0.032	35.323	-C-015	35.335	-C-010	35.350	-C-008	35.364	-0.012
32.427	0.037	32.438	0.033	32.465	0.048	32.480	0.039	35.378	-0.010	35.392	-0.004	35.405	-0.003	35.420	-0.006
32.499	0.008	32.519	0.036	32.526	0.004	32.549	0.001	35.438	-0.009	35.459	-0.025	35.475	-C-024	35.489	-C-032
32.558	-0.022	32.577	0.007	32.587	0.026	32.599	0.013	35.506	-0.018	35.520	-C-017	35.532	-C-021	35.549	-0.029
32.614	0.027	32.638	0.028	32.655	0.011	32.667	0.002	35.565	-0.019	35.578	-0.037	35.593	-0.059	35.605	-0.063
32.675	-0.016	32.698	0.018	32.711	0.028	32.716	-0.004	35.578	-0.019	35.592	-0.037	35.605	-0.059	35.617	-0.063
32.742	0.026	32.758	0.045	32.778	0.056	32.796	0.071	35.669	-0.028	35.681	-0.041	35.691	-C-031	35.704	-C-012
32.814	0.058	32.836	0.059	32.850	0.083	32.861	0.024	35.724	0.008	35.735	-0.000	35.749	0.010	35.762	0.011
32.889	0.091	32.908	0.065	32.922	0.052	32.939	0.067	35.777	C-031	35.792	0.036	35.807	C-060	35.818	0.043
32.953	0.064	32.971	0.014	32.993	0.048	33.023	0.069	35.832	C-035	35.844	0.022	35.857	-C-000	35.871	-C-022
33.038	0.038	33.063	0.058	33.086	0.046	33.107	0.024	35.893	-0.044	35.903	-0.043	35.916	-C-051	35.931	-C-054
33.123	0.044	33.145	0.036	33.162	0.019	33.184	0.062	35.947	-C-049	35.961	-0.038	35.977	-C-037	35.991	-C-027
33.192	-0.002	33.208	0.041	33.225	0.046	33.234	-0.004	36.004	-0.017	36.017	-0.011	36.027	-0.015	36.040	-C-004
33.245	0.016	33.258	-0.007	33.273	-0.015	33.289	-0.005	36.050	C-010	36.061	0.025	36.073	C-036	36.083	C-032
33.302	0.038	33.311	0.015	33.329	0.035	33.354	-0.014	36.095	0.038	36.107	0.039	36.122	0.035	36.131	0.018
33.371	0.006	33.383	0.016	33.397	0.027	33.417	0.061	36.143	0.005	36.152	-C-008	36.166	-0.021	36.179	-C-019
33.422	0.044	33.438	0.013	33.456	0.010	33.478	-0.024	36.194	-0.023	36.206	-C-021	36.218	-0.025	36.230	-0.024
33.491	-0.009	33.507	0.002	33.518	0.017	33.536	0.029	36.245	-0.022	36.259	-0.021	36.279	-C-009	36.288	-C-037
33.556	0.017	33.560	0.008	33.581	0.020	33.591	0.030	36.299	-0.031	36.314	-0.007	36.327	-0.006	36.341	0.004
33.613	0.078	33.627	-0.003	33.639	0.012	33.652	0.008	36.356	C-001	36.369	0.011	36.382	0.008	36.397	0.032
33.671	0.029	33.689	0.049	33.711	0.037	33.727	0.020	36.409	0.038	36.421	0.053	36.438	C-077	36.451	0.045
33.735	-0.006	33.753	-0.009	33.769	0.020	33.790	0.022	36.471	C-051	36.484	0.065	36.496	C-066	36.505	C-057
33.797	-0.014	33.813	0.019	33.821	-0.012	33.837	0.012	36.523	0.062	36.537	0.030	36.554	-C-045	36.568	0.004
33.850	0.013	33.868	0.037	33.878	0.024	33.895	0.058	36.582	-0.014	36.594	-0.028	36.611	-C-045	36.624	-C-054
33.908	0.054	33.924	0.042	33.934	0.006	33.942	-0.003	36.639	-0.048	36.654	-0.056	36.672	-C-051	36.684	-C-036
33.948	-0.016	33.954	-0.011	33.959	-0.015	33.964	-0.024	36.699	-0.017	36.714	-0.002	36.728	C-008	36.740	C-018
33.968	-0.028	33.975	-0.023	33.984	-0.023	33.994	-0.022	36.764	0.020	36.779	0.035	36.791	C-031	36.804	C-022
34.002	-0.021	34.013	-0.016	34.021	-0.015	34.029	-C-010	36.819	0.019	36.844	0.025	36.856	C-021	36.877	C-017
34.038	-0.005	34.045	-0.001	34.053	-0.003	34.065	-0.007	36.892	C-017	36.908	-0.014	36.923	-0.023	36.937	-0.032
34.076	-0.006	34.086	-0.005	34.099	-0.003	34.107	0.007	36.953	-C-045	36.968	-C-054	36.985	-C-067	37.000	-C-076
34.116	0.003	34.125	0.014	34.132	0.019	34.140	0.034	37.016	-0.071	37.031	-0.052	37.044	-0.029	37.056	-C-015

37.071	-0.010	37.086	-0.009	37.100	0.005	37.114	0.015	40.714	-0.014	40.740	-0.020	40.752	-0.024	40.767	-0.041
37.124	0.025	37.138	0.021	37.152	0.018	37.175	0.014	40.781	-0.044	40.795	-0.042	40.818	-0.031	40.840	-0.033
37.188	0.015	37.202	0.011	37.218	0.003	37.233	0.027	40.858	-0.027	40.872	-0.021	40.888	-0.010	40.909	-0.008
37.245	0.014	37.254	0.019	37.270	0.011	37.283	0.003	40.928	0.003	40.960	-0.003	40.975	-0.002	40.993	-0.000
37.305	0.046	37.308	0.009	37.331	0.011	37.344	0.008	41.011	0.006	41.032	0.003	41.052	0.001	41.078	-0.006
37.356	-0.005	37.364	-0.004	37.374	-0.004	37.391	-0.002	41.095	-0.014	41.111	-0.017	41.128	-0.011	41.148	-0.004
37.415	0.009	37.431	0.010	37.449	0.007	37.469	0.013	41.170	-0.007	41.195	0.001	41.214	-0.002	41.233	0.005
37.481	0.015	37.494	0.016	37.508	0.003	37.526	-0.009	41.253	0.002	41.267	0.004	41.287	0.043	41.301	0.016
37.541	-0.013	37.556	-0.020	37.573	-0.033	37.588	-0.027	41.321	0.023	41.339	0.020	41.356	0.018	41.377	0.024
37.607	-0.021	37.621	-0.015	37.639	-0.014	37.658	-0.004	41.352	0.008	41.414	-0.004	41.432	-0.007	41.447	-0.014
37.674	0.011	37.692	0.031	37.707	0.023	37.721	0.004	41.463	-0.018	41.480	-0.025	41.498	-0.028	41.515	-0.013
37.733	0.015	37.748	0.011	37.764	0.017	37.782	0.009	41.535	-0.016	41.545	-0.015	41.565	-0.008	41.581	-0.002
37.802	-0.018	37.816	-0.022	37.833	-0.030	37.846	-0.029	41.599	-0.005	41.616	-0.009	41.632	-0.007	41.646	-0.016
37.863	-0.037	37.876	-0.027	37.891	-0.031	37.906	-0.039	41.662	-0.019	41.675	-0.018	41.693	-0.017	41.718	-0.010
37.922	-0.033	37.936	-0.027	37.953	-0.026	37.967	-0.021	41.733	-0.018	41.748	-0.013	41.771	-0.012	41.783	-0.012
37.983	-0.025	37.996	-0.018	38.011	-0.008	38.024	0.002	41.800	-0.010	41.816	-0.009	41.829	-0.012	41.843	-0.010
38.041	0.008	38.063	0.014	38.074	0.010	38.092	0.007	41.855	-0.015	41.862	-0.016	41.868	-0.012	41.877	-0.013
38.109	0.022	38.120	0.013	38.136	0.005	38.149	-0.021								
38.165	-0.034	38.178	-0.047	38.198	-0.046	38.220	-0.058								
38.232	-0.057	38.248	-0.047	38.263	-0.051	38.281	-0.036								
38.255	-0.030	38.313	-0.020	38.328	-0.010	38.345	-0.014								
38.372	-0.017	38.387	-0.020	38.403	-0.010	38.420	-0.014								
38.436	-0.017	38.457	-0.021	38.483	-0.014	38.499	-0.027								
38.519	-0.020	38.536	-0.037	38.554	-0.044	38.571	-0.047								
38.585	-0.041	38.602	-0.034	38.619	-0.027	38.636	-0.025								
38.649	-0.010	38.670	0.006	38.685	0.007	38.700	0.008								
38.715	0.014	38.734	0.014	38.751	0.020	38.768	0.016								
38.782	0.016	38.797	0.017	38.816	0.017	38.836	0.018								
38.854	0.022	38.872	0.018	38.898	0.019	38.914	0.015								
38.934	0.007	38.947	0.003	38.969	0.000	38.985	0.006								
39.002	0.021	39.021	0.022	39.038	0.024	39.055	0.021								
39.071	0.022	39.087	0.023	39.102	0.020	39.117	0.012								
39.131	0.004	39.145	-0.018	39.164	-0.026	39.181	-0.043								
39.157	-0.047	39.212	-0.046	39.222	-0.040	39.236	-0.039								
39.253	-0.029	39.273	-0.023	39.286	-0.031	39.304	-0.029								
39.318	-0.032	39.332	-0.031	39.346	-0.021	39.361	-0.020								
39.385	-0.028	39.394	-0.016	39.409	-0.010	39.422	-0.013								
39.435	-0.020	39.453	-0.000	39.467	-0.017	39.487	-0.015								
39.503	-0.027	39.514	-0.021	39.538	0.023	39.538	0.023								
39.552	0.047	39.567	-0.011	39.596	0.038	39.597	-0.018								
39.613	0.007	39.626	-0.020	39.643	-0.018	39.660	-0.021								
39.678	-0.015	39.696	-0.022	39.711	-0.007	39.728	-0.014								
39.741	-0.018	39.755	-0.007	39.772	-0.001	39.798	0.015								
39.807	0.026	39.821	0.027	39.837	0.029	39.855	0.030								
39.871	0.017	39.886	0.004	39.900	-0.004	39.914	-0.017								
39.934	-0.017	39.952	0.002	39.966	-0.011	39.984	-0.010								
40.002	-0.005	40.032	-0.008	40.055	-0.025	40.076	-0.019								
40.096	-0.013	40.116	-0.017	40.134	-0.006	40.150	0.004								
40.171	-0.008	40.185	-0.011	40.204	-0.005	40.221	-0.013								
40.242	-0.021	40.262	-0.019	40.280	-0.027	40.301	-0.034								
40.318	-0.037	40.337	-0.045	40.353	-0.044	40.370	-0.043								
40.388	-0.046	40.409	-0.040	40.424	-0.034	40.438	-0.024								
40.454	-0.032	40.467	-0.031	40.480	-0.021	40.496	-0.011								
40.511	-0.029	40.524	-0.028	40.540	-0.027	40.554	-0.021								
40.582	-0.024	40.597	-0.018	40.612	-0.017	40.630	-0.007								
40.648	-0.006	40.663	-0.005	40.683	-0.008	40.698	-0.006								

71-173 2/9/71 C600PST L.A. 222 FIGUEROA ST. 20TH FL.

ME 53W

2760 POINTS 40.457 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.8797 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.024	0.012	0.005	0.023	0.005	0.034	-0.022	2.667	-0.066	2.683	-0.118	2.705	-0.074	2.726	-0.005	2.748	-0.044
0.049	-0.070	0.069	-0.083	0.079	-0.034	0.092	-0.013	2.748	0.044	2.765	-0.025	2.781	-0.136	2.802	-0.143	2.815	-0.031
0.167	0.023	0.125	-0.030	0.145	-0.030	0.162	-0.042	2.815	-0.123	2.831	-0.157	2.847	-0.178	2.866	-0.087	2.879	-0.003
0.184	0.062	0.205	-0.053	0.224	-0.045	0.241	-0.030	2.879	-0.003	2.888	-0.019	2.906	-0.008	2.923	-0.001	2.939	-0.000
0.255	-0.015	0.271	0.008	0.283	-0.005	0.300	-0.018	2.939	-0.000	2.953	-0.027	2.969	-0.048	2.979	-0.075	3.006	-0.051
0.341	-0.036	0.372	-0.012	0.387	-0.053	0.412	-0.053	2.991	0.016	3.006	-0.045	3.021	-0.065	3.038	-0.045	3.054	-0.064
0.402	-0.086	0.423	-0.036	0.440	-0.041	0.457	-0.048	3.054	-0.064	3.071	-0.045	3.085	-0.135	3.103	-0.191	3.118	-0.121
0.478	-0.035	0.503	-0.006	0.514	-0.015	0.535	-0.076	3.118	-0.038	3.131	-0.038	3.149	-0.031	3.162	-0.163	3.183	-0.169
0.555	-0.173	0.578	-0.166	0.585	-0.131	0.583	-0.053	3.183	0.169	3.196	-0.037	3.207	-0.040	3.222	-0.028	3.233	-0.057
0.625	-0.103	0.642	-0.047	0.659	-0.036	0.680	-0.148	3.233	-0.071	3.247	-0.139	3.264	-0.069	3.280	-0.028	3.300	-0.057
0.658	0.107	0.716	-0.017	0.734	-0.071	0.752	-0.077	3.300	-0.071	3.318	-0.120	3.337	-0.156	3.358	-0.094	3.374	-0.038
0.765	-0.076	0.793	-0.150	0.816	-0.115	0.835	-0.127	3.374	-0.038	3.386	-0.121	3.399	-0.190	3.420	-0.196	3.455	-0.161
0.851	-0.031	0.866	-0.046	0.883	-0.108	0.903	-0.105	3.455	-0.038	3.452	-0.058	3.477	-0.027	3.493	-0.048	3.521	-0.242
0.920	0.084	0.935	-0.000	0.949	-0.059	0.962	-0.204	3.521	-0.242	3.566	-0.068	3.604	-0.106	3.622	-0.056	3.635	-0.056
0.981	-0.282	0.998	-0.241	1.017	-0.186	1.034	-0.102	3.567	-0.309	3.586	-0.231	3.622	-0.042	3.642	-0.096	3.756	-0.049
1.047	-0.061	1.070	-0.066	1.083	-0.036	1.096	-0.105	3.635	-0.056	3.713	-0.026	3.723	-0.095	3.740	-0.171	3.760	-0.368
1.110	0.105	1.122	-0.189	1.141	-0.161	1.161	-0.043	3.635	-0.068	3.713	-0.026	3.723	-0.095	3.740	-0.171	3.824	-0.103
1.173	-0.069	1.193	-0.153	1.215	-0.238	1.240	-0.323	3.756	-0.355	3.760	-0.368	3.877	-0.024	3.891	-0.059	3.908	-0.054
1.259	-0.179	1.272	-0.055	1.284	-0.084	1.297	-0.175	3.877	-0.024	3.882	-0.048	3.942	-0.039	3.959	-0.052	3.959	-0.039
1.309	0.223	1.323	-0.224	1.333	-0.210	1.347	-0.224	3.882	-0.048	3.882	-0.048	4.006	-0.046	4.015	-0.059	4.032	-0.101
1.362	0.169	1.378	-0.044	1.393	-0.115	1.407	-0.218	3.908	-0.054	3.928	-0.174	4.006	-0.046	4.015	-0.059	4.032	-0.101
1.421	-0.301	1.442	-0.292	1.460	-0.264	1.475	-0.269	3.959	-0.004	3.989	-0.071	4.051	-0.233	4.082	-0.206	4.114	-0.114
1.491	-0.192	1.509	-0.067	1.520	-0.052	1.532	-0.177	4.032	-0.101	4.051	-0.136	4.082	-0.206	4.114	-0.114	4.124	-0.370
1.555	-0.226	1.569	-0.233	1.587	-0.178	1.607	-0.011	4.053	-0.168	4.107	-0.176	4.124	-0.370	4.141	-0.358	4.154	-0.266
1.625	-0.163	1.641	-0.310	1.658	-0.386	1.680	-0.262	4.154	-0.266	4.166	-0.071	4.176	-0.082	4.186	-0.110	4.230	-0.028
1.695	-0.165	1.715	-0.104	1.736	-0.008	1.754	-0.095	4.210	-0.076	4.230	-0.028	4.247	-0.153	4.267	-0.154	4.293	-0.044
1.775	-0.143	1.792	-0.155	1.806	-0.141	1.823	-0.049	4.278	-0.092	4.293	-0.044	4.309	-0.065	4.326	-0.081	4.344	-0.183
1.849	0.083	1.862	-0.173	1.876	-0.228	1.886	-0.263	4.337	-0.164	4.351	-0.247	4.360	-0.254	4.370	-0.192	4.402	-0.057
1.910	-0.208	1.923	-0.138	1.936	-0.034	1.953	-0.078	4.382	-0.081	4.393	-0.058	4.407	-0.135	4.421	-0.114	4.449	-0.049
1.965	-0.134	1.978	-0.183	1.993	-0.232	2.009	-0.177	4.434	-0.183	4.442	-0.239	4.449	-0.343	4.461	-0.322	4.471	-0.228
2.023	0.074	2.038	-0.039	2.057	-0.016	2.074	-0.043	4.475	-0.245	4.490	-0.057	4.504	-0.130	4.517	-0.228	4.542	-0.437
2.055	-0.077	2.108	-0.174	2.123	-0.215	2.136	-0.242	4.529	-0.422	4.540	-0.506	4.554	-0.513	4.562	-0.437	4.608	-0.042
2.153	-0.179	2.162	-0.109	2.185	-0.059	2.201	-0.039	4.573	-0.381	4.581	-0.215	4.594	-0.110	4.608	-0.042	4.723	-0.139
2.215	0.095	2.232	-0.082	2.252	-0.041	2.267	-0.077	4.621	-0.066	4.636	-0.062	4.653	-0.034	4.666	-0.042	4.771	-0.417
2.283	-0.195	2.298	-0.230	2.318	-0.244	2.331	-0.223	4.683	-0.216	4.701	-0.181	4.711	-0.001	4.723	-0.139	4.819	-0.027
2.347	-0.189	2.359	-0.126	2.375	-0.105	2.393	-0.126	4.736	-0.333	4.746	-0.417	4.758	-0.408	4.771	-0.417	4.858	-0.110
2.410	-0.133	2.425	-0.043	2.432	-0.041	2.448	-0.124	4.782	-0.389	4.791	-0.223	4.806	-0.103	4.819	-0.027	4.857	-0.144
2.462	-0.159	2.481	-0.152	2.499	-0.117	2.512	-0.020	4.828	-0.096	4.840	-0.041	4.849	-0.103	4.858	-0.110	4.940	-0.086
2.526	-0.126	2.537	-0.147	2.551	-0.091	2.567	-0.043	4.866	-0.193	4.876	-0.200	4.885	-0.241	4.897	-0.144	4.960	-0.011
2.555	-0.070	2.606	-0.092	2.631	-0.037	2.649	-0.010	4.912	-0.023	4.926	-0.044	4.940	-0.086	4.960	-0.011		

4.570	-0.031	4.979	0.018	4.993	-0.059	5.008	-0.087	8.076	-1.044	8.090	-1.148	8.104	-1.058	8.119	-0.759
5.018	0.066	5.028	0.115	5.039	0.316	5.053	0.323	8.135	-0.474	8.148	-0.245	8.161	-0.225	8.168	-0.051
5.065	0.336	5.081	0.079	5.098	-0.171	5.110	-0.303	8.179	0.004	8.186	-0.066	8.194	0.024	8.209	0.002
5.132	-0.345	5.151	-0.296	5.166	-0.261	5.174	-0.178	8.219	-0.074	8.238	0.050	8.246	0.008	8.257	0.167
5.154	-0.247	5.207	-0.220	5.226	-0.143	5.238	-0.143	8.266	0.356	8.274	0.569	8.282	0.485	8.292	0.817
5.248	0.010	5.261	0.135	5.274	0.129	5.288	0.164	8.297	0.643	8.308	1.233	8.322	1.141	8.331	1.815
5.262	0.088	5.306	0.033	5.316	-0.065	5.331	-0.210	8.338	1.654	8.345	2.147	8.358	2.347	8.365	2.125
5.350	-0.244	5.357	-0.265	5.369	-0.237	5.383	-0.244	8.370	2.326	8.375	2.235	8.378	2.360	8.388	1.886
5.401	-0.140	5.415	-0.015	5.424	0.013	5.440	-0.056	8.399	2.052	8.413	1.342	8.423	1.356	8.436	0.658
5.453	-0.091	5.467	-0.168	5.487	-0.050	5.505	0.005	8.447	0.581	8.456	-0.158	8.473	-0.784	8.484	-1.452
5.525	-0.064	5.544	-0.120	5.559	-0.044	5.586	-0.065	8.455	-1.641	8.506	-2.127	8.517	-2.053	8.527	-2.138
5.609	0.081	5.628	0.199	5.647	0.324	5.670	0.303	8.535	-2.340	8.544	-2.167	8.559	-2.424	8.570	-1.932
5.655	0.075	5.711	0.407	5.727	0.602	5.746	0.643	8.557	-2.609	8.567	-1.453	8.595	-1.537	8.605	-1.169
5.760	0.678	5.769	0.831	5.785	0.900	5.798	1.025	8.614	-1.274	8.621	-1.448	8.631	-1.108	8.640	-1.261
5.818	1.039	5.836	0.955	5.856	0.808	5.874	0.578	8.649	-1.519	8.658	-1.359	8.666	-1.588	8.675	-1.594
5.888	0.522	5.905	0.278	5.923	-0.014	5.940	-0.376	8.689	-1.677	8.695	-1.650	8.703	-1.808	8.711	-2.030
5.955	-0.710	5.972	-0.913	5.986	-1.038	6.003	-1.053	8.721	-1.794	8.732	-2.064	8.746	-1.466	8.754	-1.598
6.017	-1.040	6.026	-0.902	6.039	-0.840	6.051	-0.722	8.762	-1.132	8.774	-0.758	8.785	-0.430	8.792	-0.360
6.065	-0.820	6.077	-0.939	6.091	-1.106	6.101	-1.120	8.759	0.029	8.805	0.051	8.828	0.870	8.839	1.043
6.115	-1.155	6.132	-1.446	6.144	-1.586	6.154	-1.586	8.850	1.203	8.867	1.266	8.878	1.065	8.892	0.519
6.154	-1.787	6.166	-1.829	6.178	-1.794	6.184	-1.600	8.908	0.822	8.917	0.732	8.925	0.898	8.934	0.863
6.194	-1.586	6.203	-1.343	6.217	-1.232	6.226	-1.059	8.943	1.043	8.951	0.967	8.957	1.202	8.963	1.334
6.236	-1.017	6.247	-0.760	6.262	-0.503	6.270	-0.162	8.970	1.320	8.976	1.584	8.984	1.479	8.991	1.548
6.283	-0.157	6.296	0.532	6.306	0.616	6.314	0.720	8.999	1.726	9.010	1.596	9.019	1.707	9.030	1.825
6.329	0.766	6.340	0.567	6.355	0.477	6.371	0.401	9.038	1.581	9.052	1.457	9.061	1.448	9.068	1.219
6.388	0.422	6.411	0.430	6.423	0.437	6.438	0.612	9.077	1.191	9.086	1.059	9.097	1.058	9.112	0.581
6.450	0.090	6.469	1.176	6.478	1.329	6.495	1.420	9.126	0.925	9.138	0.857	9.145	0.744	9.159	0.701
6.515	1.546	6.529	1.560	6.544	1.477	6.560	1.367	9.166	0.562	9.176	0.513	9.186	0.562	9.194	0.409
6.582	1.437	6.596	1.528	6.604	1.591	6.612	1.425	9.158	0.527	9.205	0.409	9.220	0.478	9.232	0.423
6.630	1.480	6.648	1.542	6.657	1.466	6.664	1.549	9.240	0.519	9.252	0.284	9.261	0.381	9.273	0.459
6.671	1.341	6.682	1.327	6.687	1.417	6.694	1.222	9.288	0.548	9.303	0.478	9.314	0.201	9.374	-0.015
6.703	1.312	6.714	1.048	6.725	0.749	6.733	0.569	9.339	-0.663	9.351	-0.212	9.362	-0.508	9.371	-0.681
6.739	0.277	6.748	0.172	6.756	0.020	6.767	-0.050	9.384	-0.806	9.402	-0.924	9.417	-0.993	9.425	-0.944
6.777	-0.113	6.788	-0.266	6.801	-0.405	6.815	-0.725	9.431	-1.236	9.454	-1.375	9.464	-1.618	9.477	-1.806
6.825	-0.718	6.836	-0.780	6.858	-0.739	6.875	-0.676	9.490	-1.799	9.503	-1.587	9.518	-1.945	9.526	-1.827
6.892	-0.717	6.907	-0.974	6.922	-1.161	6.928	-1.342	9.535	-1.834	9.542	-1.558	9.553	-1.633	9.558	-1.383
6.943	-1.362	6.957	-1.535	6.971	-1.688	6.991	-1.517	9.569	-1.307	9.576	-0.857	9.586	-1.036	9.594	-0.903
7.007	-1.826	7.023	-1.680	7.034	-1.527	7.048	-1.207	9.608	-0.771	9.612	-0.752	9.625	-1.062	9.635	-1.027
7.060	-0.929	7.073	-0.748	7.085	-0.622	7.107	-0.643	9.644	-1.152	9.653	-0.916	9.662	-0.783	9.672	-0.755
7.124	-0.740	7.140	-0.969	7.152	-1.274	7.169	-1.357	9.684	-0.422	9.692	0.002	9.712	0.240	9.720	0.435
7.179	-1.421	7.189	-1.344	7.199	-1.323	7.205	-1.254	9.732	0.659	9.746	0.848	9.757	0.848	9.766	1.065
7.220	-1.254	7.230	-1.108	7.244	-0.893	7.252	-0.671	9.780	1.163	9.791	1.331	9.803	1.367	9.813	1.513
7.264	-0.463	7.274	-0.268	7.288	-0.011	7.307	0.252	9.823	1.402	9.835	1.409	9.846	1.305	9.862	1.201
7.319	0.176	7.345	0.196	7.357	0.286	7.374	0.258	9.868	1.075	9.879	1.027	9.889	0.818	9.895	0.554
7.352	0.362	7.415	0.577	7.438	0.587	7.457	1.634	9.909	0.394	9.916	0.137	9.927	-0.065	9.943	-0.073
7.476	2.321	7.487	2.530	7.501	2.648	7.514	2.551	10.002	1.688	10.013	1.867	10.029	1.762	10.038	1.699
7.525	2.468	7.543	1.954	7.559	1.475	7.573	1.059	10.049	1.427	10.061	1.024	10.078	0.538	10.090	0.331
7.589	0.658	7.605	0.302	7.618	0.212	7.627	0.240	10.103	-0.141	10.114	-0.189	10.122	-0.550	10.129	-0.425
7.638	0.240	7.654	0.372	7.663	0.379	7.683	0.470	10.139	-0.626	10.146	-0.702	10.151	-0.558	10.159	-0.833
7.696	0.706	7.707	0.720	7.714	0.768	7.723	0.643	10.167	-0.373	10.176	-0.669	10.181	-1.020	10.194	-1.151
7.734	0.602	7.744	0.442	7.758	0.372	7.770	0.136	10.202	-0.812	10.211	-1.248	10.222	-1.539	10.234	-1.608
7.784	0.032	7.797	-0.274	7.815	-0.510	7.831	-0.732	10.243	-1.413	10.250	-1.357	10.255	-1.253	10.263	-1.246
7.845	-1.016	7.856	-1.134	7.865	-1.057	7.880	-0.821	10.268	-1.204	10.280	-1.287	10.290	-1.057	10.301	-1.418
7.856	-0.528	7.909	-0.500	7.925	-0.437	7.941	-0.284	10.312	-1.133	10.322	-1.356	10.332	-1.460	10.340	-1.932
7.955	-0.144	7.969	-0.171	7.984	-0.185	7.995	-0.351	10.348	-1.676	10.363	-2.308	10.374	-2.072	10.383	-2.616
8.011	-0.483	8.024	-0.719	8.038	-0.760	8.060	-0.885								

10.394	-2.301	10.408	-2.705	10.418	-2.128	10.431	-2.427	12.854	2.055	12.905	2.401	12.917	2.241	12.930	2.525
10.439	-2.358	10.448	-1.844	10.464	-2.635	10.475	-2.420	12.946	2.865	12.963	3.074	12.981	3.254	12.991	3.136
10.490	-2.608	10.508	-2.726	10.520	-2.441	10.533	-1.962	13.001	3.219	13.005	3.359	13.019	3.358	13.021	3.475
10.543	-1.677	10.552	-1.191	10.564	-1.038	10.576	-0.503	13.045	3.510	13.059	3.454	13.070	3.391	13.075	3.259
10.585	0.337	10.594	0.650	10.604	0.462	10.613	0.753	13.091	3.029	13.097	2.418	13.106	3.119	13.113	2.973
10.624	0.855	10.637	1.093	10.654	1.114	10.667	1.246	13.121	3.334	13.131	2.517	13.138	2.187	13.149	2.597
10.684	1.454	10.693	1.558	10.700	1.606	10.710	2.224	13.166	1.972	13.175	2.277	13.185	1.937	13.205	2.104
10.717	2.398	10.728	2.349	10.737	2.467	10.745	2.578	13.218	1.819	13.227	2.020	13.235	1.736	13.245	1.736
10.776	2.745	10.786	2.654	10.794	2.474	10.805	2.640	13.252	1.624	13.260	1.624	13.266	1.367	13.277	1.319
10.814	2.501	10.828	2.328	10.836	2.363	10.847	2.529	13.253	0.944	13.303	0.638	13.313	0.555	13.322	0.166
10.858	2.147	10.862	2.015	10.873	2.022	10.882	1.758	13.338	-0.250	13.351	-0.257	13.360	-0.354	13.376	-0.410
10.892	1.744	10.902	1.550	10.911	1.481	10.924	1.356	13.390	-0.035	13.398	-1.423	13.407	-1.125	13.412	-0.659
10.938	1.301	10.952	1.406	10.966	1.240	10.974	1.310	13.419	-0.583	13.440	-1.237	13.454	-0.813	13.467	-1.362
10.998	1.602	10.998	1.776	11.014	2.256	11.024	2.236	13.481	-1.308	13.495	-1.670	13.510	-1.900	13.526	-2.359
11.030	2.327	11.044	2.307	11.055	2.044	11.067	1.739	13.548	-2.888	13.567	-2.554	13.578	-2.839	13.595	-2.755
11.081	1.567	11.097	1.151	11.121	0.646	11.137	0.251	13.606	-2.653	13.610	-2.553	13.620	-2.650	13.628	-2.204
11.157	-0.131	11.169	-0.465	11.177	-0.465	11.193	-1.458	13.635	-2.337	13.643	-2.149	13.646	-2.121	13.652	-2.044
11.198	-1.625	11.212	-1.694	11.229	-2.264	11.245	-2.834	13.657	-2.086	13.661	-1.588	13.665	-1.947	13.669	-1.946
11.262	-3.087	11.274	-3.287	11.286	-3.072	11.293	-3.038	13.671	-1.905	13.674	-1.870	13.688	-1.980	13.702	-1.910
11.304	-3.087	11.323	-2.616	11.334	-2.667	11.343	-2.201	13.708	-1.903	13.715	-2.000	13.726	-2.006	13.734	-2.048
11.357	-2.667	11.371	-2.654	11.380	-2.578	11.388	-2.821	13.747	-2.068	13.759	-2.068	13.769	-2.067	13.791	-2.066
11.395	-2.794	11.399	-3.065	11.418	-3.316	11.429	-3.879	13.805	-2.051	13.818	-1.553	13.830	-1.842	13.838	-0.845
11.436	-3.733	11.443	-3.282	11.450	-3.109	11.458	-3.533	13.847	-1.452	13.863	-1.256	13.880	-1.019	13.898	-0.845
11.466	-3.839	11.476	-3.207	11.487	-3.332	11.500	-3.277	13.905	-0.636	13.913	-0.219	13.917	-0.066	13.922	-0.310
11.514	-2.388	11.527	-2.513	11.534	-2.193	11.549	-1.944	13.928	0.310	13.925	0.234	13.939	0.012	13.944	-0.127
11.563	-1.714	11.586	-1.013	11.597	-1.013	11.619	-0.680	13.967	-0.507	13.973	0.451	13.976	0.403	13.981	0.361
11.634	-0.360	11.648	-0.040	11.673	0.120	11.685	0.127	13.968	0.403	14.007	0.641	14.012	0.665	14.020	0.634
11.702	0.377	11.715	0.586	11.730	0.690	11.742	1.183	14.029	0.711	14.045	1.080	14.083	1.659	14.101	1.792
11.810	2.717	11.823	3.224	11.843	3.286	11.852	3.536	14.116	1.855	14.132	2.009	14.143	2.044	14.152	2.003
11.857	3.536	11.862	3.626	11.875	3.674	11.882	3.660	14.160	1.948	14.190	1.650	14.204	1.526	14.216	1.443
11.890	3.758	11.903	3.770	11.911	3.950	11.917	3.797	14.230	1.326	14.235	1.305	14.252	1.236	14.266	1.147
11.925	4.019	11.932	3.775	11.938	3.073	11.946	3.587	14.308	1.148	14.328	1.128	14.333	1.087	14.346	1.004
11.951	3.607	11.958	3.954	11.965	3.676	11.969	3.752	14.377	0.908	14.402	0.854	14.415	0.833	14.422	0.785
11.978	3.335	11.983	3.488	11.988	3.224	11.998	3.008	14.431	0.723	14.440	0.564	14.452	0.425	14.464	0.259
12.006	2.751	12.013	3.203	12.020	2.876	12.024	2.612	14.471	0.134	14.475	-0.604	14.488	-0.087	14.502	-0.158
12.027	2.883	12.032	3.056	12.041	2.820	12.049	2.869	14.508	-0.255	14.522	-0.412	14.535	-0.558	14.545	-0.696
12.055	2.625	12.065	3.000	12.075	2.549	12.080	2.514	14.555	-0.656	14.574	-0.785	14.589	-0.875	14.590	-0.986
12.093	2.861	12.104	2.701	12.110	2.736	12.120	2.472	14.595	-1.264	14.602	-1.355	14.606	-1.430	14.611	-1.374
12.134	2.306	12.140	2.431	12.153	1.563	12.162	0.778	14.621	-0.998	14.629	-0.887	14.634	-0.997	14.636	-1.088
12.205	0.820	12.221	-1.527	12.232	-2.201	12.246	-0.923	14.641	-1.205	14.643	-1.247	14.648	-1.219	14.659	-0.941
12.260	-1.856	12.272	-1.527	12.284	-2.021	12.293	-2.069	14.664	-0.871	14.670	-0.933	14.677	-1.609	14.682	-1.050
12.306	-1.826	12.321	-2.104	12.338	-1.673	12.350	-2.201	14.695	-0.765	14.702	-0.772	14.711	-0.896	14.716	-0.858
12.362	-2.160	12.372	-2.271	12.386	-2.166	12.397	-2.340	14.718	-1.000	14.733	-0.551	14.738	-0.936	14.747	-1.089
12.410	-2.451	12.427	-2.631	12.438	-2.784	12.447	-2.950	14.749	-1.172	14.766	-1.234	14.789	-1.386	14.800	-1.448
12.454	-2.867	12.465	-2.936	12.475	-3.006	12.488	-2.915	14.811	-1.482	14.821	-1.426	14.829	-1.307	14.836	-1.203
12.500	-3.297	12.512	-3.651	12.521	-3.485	12.527	-3.756	14.842	-1.279	14.848	-1.216	14.866	-0.965	14.872	-0.544
12.538	-3.735	12.545	-4.124	12.550	-3.790	12.559	-3.985	14.882	-0.944	14.892	-0.895	14.904	-0.554	14.916	-0.602
12.564	-3.582	12.571	-3.686	12.578	-3.311	12.588	-3.408	14.932	-0.601	14.939	-0.457	14.952	-0.475	14.959	-0.433
12.597	-3.123	12.609	-2.644	12.619	-2.672	12.627	-1.901	14.963	-0.335	14.969	-0.502	14.977	-0.426	14.985	-0.383
12.631	-1.658	12.641	-1.929	12.655	-1.388	12.665	-1.562	14.956	-0.475	15.013	-0.327	15.037	-0.312	15.046	-0.284
12.677	-1.208	12.683	-0.812	12.692	-0.715	12.704	-0.257	15.055	-0.228	15.081	0.030	15.116	0.442	15.129	0.581
12.716	-0.167	12.733	0.257	12.748	0.485	12.767	0.554	15.136	0.547	15.139	0.458	15.151	0.499	15.158	0.548
12.779	0.450	12.790	0.547	12.800	0.512	12.815	0.693	15.167	0.632	15.183	0.653	15.193	0.681	15.214	0.752
12.826	0.936	12.850	1.102	12.870	1.220	12.883	1.491	15.229	0.773	15.243	0.809	15.256	0.906	15.267	1.032
								15.276	1.067	15.289	1.040	15.298	1.033	15.314	1.090

15.326	1.132	15.339	1.146	15.353	1.182	15.362	1.161	17.568	-1.021	17.574	-1.049	17.578	-1.132	17.584	-1.222
15.371	1.120	15.378	1.064	15.389	1.023	15.397	0.982	17.568	-1.021	17.574	-1.049	17.578	-1.132	17.584	-1.222
15.409	1.801	15.419	0.656	15.433	0.511	15.438	0.393	17.988	-1.333	17.996	-1.444	18.004	-1.478	18.014	-1.513
15.446	0.316	15.460	0.234	15.471	0.192	15.480	0.116	18.025	-1.546	18.035	-1.546	18.046	-1.567	18.054	-1.518
15.490	0.040	15.502	0.061	15.514	0.145	15.528	0.180	18.064	-1.441	18.070	-1.330	18.081	-1.239	18.089	-1.176
15.541	0.181	15.552	0.223	15.561	0.230	15.571	0.175	18.099	-1.106	18.106	-1.016	18.110	-0.904	18.114	-0.828
15.589	0.197	15.598	0.149	15.605	0.086	15.622	0.107	18.122	-0.744	18.134	-0.688	18.146	-0.625	18.153	-0.604
15.638	-0.176	15.655	-0.216	15.664	-0.306	15.672	-0.466	18.162	-0.589	18.169	-0.603	18.178	-0.631	18.184	-0.686
15.680	-0.507	15.689	-0.583	15.698	-0.652	15.714	-0.679	18.198	-0.713	18.207	-0.755	18.218	-0.824	18.227	-0.789
15.722	-0.748	15.733	-0.837	15.739	-0.893	15.748	-0.976	18.238	-0.747	18.252	-0.746	18.262	-0.725	18.277	-0.655
15.755	-0.947	15.767	-0.905	15.775	-0.905	15.792	-0.890	18.288	-0.585	18.298	-0.515	18.304	-0.418	18.316	-0.251
15.799	-0.854	15.806	-0.708	15.817	-0.617	15.831	-0.505	18.336	-0.057	18.349	-0.048	18.364	-0.099	18.375	-0.210
15.840	-0.407	15.847	-0.331	15.861	-0.253	15.872	-0.260	18.380	0.329	18.387	0.415	18.394	0.635	18.399	0.851
15.880	-0.245	15.889	-0.293	15.909	-0.431	15.923	-0.548	18.407	0.583	18.411	1.004	18.421	0.914	18.426	0.956
15.937	-0.679	15.950	-0.741	15.956	-0.803	15.971	-0.951	18.430	1.116	18.435	1.228	18.439	1.256	18.446	1.221
15.991	-0.829	16.014	-0.759	16.034	-0.688	16.051	-0.659	18.450	1.207	18.455	1.243	18.462	1.271	18.469	1.278
16.068	-0.596	16.092	-0.379	16.105	-0.219	16.122	-0.023	18.478	1.237	18.482	1.230	18.493	1.231	18.500	1.224
16.138	0.102	16.152	0.138	16.170	0.215	16.179	0.292	18.505	1.210	18.510	1.155	18.519	1.093	18.528	1.149
16.200	0.363	16.211	0.433	16.221	0.524	16.237	0.615	18.537	1.136	18.542	1.108	18.557	1.151	18.568	1.061
16.249	0.665	16.265	0.735	16.284	0.771	16.306	0.821	18.582	1.075	18.583	1.118	18.593	1.058	18.601	1.112
16.323	0.885	16.337	0.955	16.348	0.942	16.359	0.894	18.610	1.217	18.633	1.336	18.657	1.429	18.667	1.422
16.381	0.833	16.396	0.799	16.409	0.800	16.423	0.828	18.651	1.452	18.710	1.453	18.730	1.406	18.741	1.379
16.443	0.561	16.459	1.053	16.471	1.165	16.482	1.165	18.751	1.303	18.755	1.241	18.760	1.144	18.772	1.068
16.498	1.083	16.514	1.035	16.534	0.560	16.538	0.984	18.783	0.565	18.789	0.856	18.799	0.820	18.812	0.737
16.594	0.746	16.570	0.573	16.585	0.441	16.598	0.282	18.825	0.578	18.831	0.502	18.847	0.371	18.853	0.260
16.615	0.143	16.626	0.061	16.638	-0.022	16.656	-0.196	18.859	-0.084	18.866	-0.000	18.891	-0.155	18.889	-0.161
16.673	-0.264	16.679	-0.306	16.706	-0.340	16.727	-0.353	18.899	-0.200	18.945	-0.269	18.958	-0.366	18.964	-0.435
16.733	-0.367	16.737	-0.401	16.741	-0.457	16.743	-0.533	18.936	-0.546	18.980	-0.629	18.987	-0.684	18.991	-0.719
16.750	-0.665	16.752	-0.757	16.763	-0.880	16.769	-0.910	19.008	-0.739	19.023	-0.752	19.033	-0.808	19.039	-0.805
16.773	-0.685	16.780	-0.657	16.785	-0.705	16.787	-0.810	19.048	-0.974	19.055	-0.995	19.067	-0.939	19.081	-0.883
16.792	-0.900	16.799	-0.990	16.805	-0.983	16.813	-0.892	19.059	-0.875	19.110	-0.815	19.121	-0.860	19.133	-0.985
16.821	-0.871	16.824	-0.920	16.830	-1.038	16.843	-1.121	19.147	-1.082	19.163	-1.130	19.173	-1.150	19.181	-1.185
16.849	-1.100	16.854	-1.065	16.858	-1.092	16.871	-1.203	19.189	-1.178	19.200	-1.054	19.217	-1.059	19.225	-1.080
16.879	-1.259	16.892	-1.231	16.904	-1.244	16.911	-1.279	19.236	-1.038	19.240	-1.017	19.252	-1.051	19.267	-1.037
16.925	-1.320	16.935	-1.354	16.943	-1.417	16.955	-1.514	19.276	-1.016	19.286	-1.050	19.291	-1.052	19.299	-1.112
16.971	-1.562	16.982	-1.527	17.012	-1.366	17.041	-1.240	19.312	-1.056	19.335	-1.014	19.347	-0.965	19.355	-0.902
17.058	-1.149	17.068	-1.003	17.075	-1.037	17.083	-0.974	19.369	-0.846	19.383	-0.749	19.398	-0.658	19.404	-0.602
17.093	-0.905	17.102	-0.856	17.119	-0.633	17.130	-0.521	19.411	-0.574	19.424	-0.462	19.435	-0.434	19.450	-0.384
17.140	-0.431	17.153	-0.354	17.169	-0.311	17.180	-0.242	19.475	-0.279	19.486	-0.168	19.499	-0.084	19.515	-0.069
17.191	-0.144	17.204	-0.088	17.212	-0.060	17.226	-0.011	19.524	-0.020	19.544	0.043	19.573	0.177	19.590	0.282
17.235	-0.052	17.245	-0.100	17.249	-0.128	17.258	-0.072	19.614	0.311	19.625	0.346	19.640	0.403	19.655	0.459
17.265	0.074	17.279	0.172	17.298	0.311	17.311	0.458	19.667	0.592	19.677	0.710	19.687	0.940	19.699	0.962
17.317	0.652	17.323	0.875	17.329	0.910	17.335	0.982	19.707	0.948	19.714	1.011	19.723	1.060	19.730	1.019
17.343	0.876	17.348	0.924	17.358	1.133	17.367	1.189	19.732	1.026	19.738	1.026	19.744	1.068	19.757	1.055
17.379	1.231	17.397	1.308	17.416	1.330	17.433	1.296	19.763	0.972	19.767	0.972	19.782	0.952	19.787	0.939
17.449	1.255	17.472	1.194	17.489	1.167	17.501	1.188	19.793	0.890	19.800	0.863	19.812	0.836	19.822	0.733
17.518	1.168	17.532	1.203	17.554	1.253	17.566	1.316	19.835	0.636	19.848	0.540	19.864	0.464	19.875	0.409
17.580	1.414	17.591	1.498	17.600	1.526	17.614	1.519	19.889	0.334	19.906	0.300	19.928	0.288	19.944	0.282
17.623	1.506	17.640	1.458	17.648	1.319	17.654	1.188	19.981	0.264	20.004	0.265	20.016	0.217	20.032	0.183
17.667	1.036	17.681	0.779	17.700	0.447	17.719	0.225	20.046	0.128	20.057	0.011	20.075	-0.189	20.093	-0.404
17.728	0.156	17.733	0.087	17.744	-0.052	17.751	-0.135	20.111	-0.590	20.124	-0.686	20.134	-0.755	20.141	-0.783
17.756	-0.246	17.767	-0.301	17.777	-0.259	17.788	-0.196	20.148	-0.761	20.163	-0.726	20.176	-0.726	20.181	-0.677
17.801	-0.195	17.810	-0.229	17.821	-0.201	17.835	-0.152	20.193	-0.565	20.201	-0.516	20.210	-0.488	20.220	-0.439
17.857	-0.179	17.866	-0.220	17.883	-0.289	17.897	-0.358	20.226	-0.355	20.241	-0.292	20.252	-0.257	20.268	-0.215
17.907	-0.434	17.919	-0.551	17.931	-0.676	17.936	-0.766	20.279	-0.207	20.285	-0.235	20.307	-0.248	20.318	-0.275
17.941	-0.870	17.947	-0.988	17.954	-1.043	17.959	-1.057	20.328	-0.330	20.335	-0.448	20.344	-0.517	20.357	-0.551

20.360	-0.600	20.366	-0.690	20.373	-0.801	20.379	-0.863	23.631	-0.255	23.650	-0.303	23.661	-0.371	23.683	-0.474
20.366	-0.946	20.397	-0.980	20.419	-0.931	20.426	-0.896	23.727	-0.457	23.755	-0.358	23.771	-0.219	23.788	-0.100
20.438	-0.854	20.449	-0.742	20.462	-0.617	20.482	-0.387	23.801	-0.047	23.823	0.117	23.839	0.202	23.861	0.245
20.499	-0.191	20.513	-0.066	20.523	-0.072	20.531	-0.148	23.905	0.289	23.923	0.262	23.940	0.179	23.968	0.202
20.550	-0.168	20.564	-0.168	20.574	-0.230	20.590	-0.277	23.987	-0.224	24.009	0.302	24.033	0.289	24.061	0.312
20.613	-0.290	20.629	-0.240	20.640	-0.191	20.650	-0.188	24.083	0.362	24.110	0.321	24.136	0.374	24.154	0.394
20.663	-0.064	20.676	-0.036	20.690	-0.048	20.708	0.188	24.168	0.450	24.195	0.612	24.215	0.704	24.232	0.580
20.718	0.245	20.735	0.364	20.751	0.490	20.766	0.574	24.250	0.567	24.265	0.452	24.280	0.437	24.254	0.334
20.778	0.556	20.792	0.631	20.803	0.715	20.824	0.842	24.316	0.590	24.335	0.080	24.346	0.081	24.354	0.067
20.833	0.898	20.844	0.989	20.868	1.088	20.888	1.089	24.376	0.665	24.393	0.070	24.405	0.057	24.424	0.044
20.903	1.062	20.919	1.001	20.935	0.981	20.945	0.940	24.433	-0.011	24.451	-0.023	24.476	-0.042	24.458	-0.103
20.953	0.898	20.965	0.809	20.985	0.726	21.001	0.741	24.515	-0.175	24.531	-0.226	24.549	-0.308	24.562	-0.384
21.019	0.762	21.037	0.812	21.048	0.889	21.063	0.862	24.583	-0.329	24.602	-0.357	24.614	-0.376	24.630	-0.506
21.070	0.820	21.082	0.862	21.093	0.856	21.100	0.835	24.658	-0.428	24.680	-0.357	24.694	-0.336	24.723	-0.272
21.110	0.773	21.120	0.718	21.132	0.601	21.145	0.435	24.739	-0.326	24.761	-0.374	24.785	-0.422	24.814	-0.407
21.179	-0.009	21.203	-0.244	21.219	-0.347	21.231	-0.416	24.831	-0.372	24.859	-0.336	24.881	-0.356	24.914	-0.341
21.244	-0.457	21.300	-0.469	21.317	-0.482	21.334	-0.516	24.932	-0.306	24.952	-0.215	24.972	-0.123	25.000	-0.067
21.342	-0.564	21.350	-0.599	21.356	-0.668	21.361	-0.709	25.030	-0.031	25.049	0.012	25.071	0.089	25.058	0.125
21.406	-1.221	21.411	-1.207	21.391	-1.069	21.398	-1.055	25.129	0.196	25.153	0.214	25.175	0.288	25.156	0.275
21.444	-1.067	21.454	-1.011	21.462	-0.871	21.475	-0.857	25.279	0.418	25.292	0.433	25.306	0.468	25.323	0.476
21.489	-0.836	21.504	-0.786	21.514	-0.786	21.523	-0.744	25.335	0.441	25.352	0.421	25.369	0.360	25.390	0.312
21.537	-0.701	21.553	-0.687	21.571	-0.714	21.600	-0.734	25.407	0.292	25.433	0.300	25.459	0.259	25.472	0.239
21.612	-0.713	21.629	-0.671	21.634	-0.622	21.645	-0.518	25.483	0.212	25.496	0.185	25.510	0.144	25.519	0.123
21.671	-0.350	21.680	-0.232	21.693	-0.100	21.701	-0.002	25.530	0.061	25.545	0.020	25.565	-0.021	25.587	-0.034
21.716	0.102	21.729	0.165	21.736	0.228	21.743	0.277	25.611	0.037	25.633	0.052	25.653	0.018	25.688	0.064
21.747	0.249	21.752	0.194	21.756	0.131	21.763	0.180	25.706	-0.084	25.740	-0.110	25.760	-0.158	25.781	-0.178
21.773	0.243	21.783	0.208	21.796	0.188	21.811	0.202	25.814	-0.198	25.848	-0.315	25.868	-0.349	25.893	-0.383
21.820	0.188	21.829	0.223	21.842	0.307	21.853	0.342	25.913	-0.410	25.937	-0.409	25.944	-0.465	25.963	-0.491
21.862	0.440	21.886	0.628	21.901	0.753	21.922	0.823	25.974	-0.484	25.957	-0.352	26.021	-0.266	26.037	-0.203
21.936	0.837	21.951	0.844	21.964	0.810	21.983	0.756	26.063	-0.174	26.085	-0.159	26.116	-0.185	26.134	-0.226
21.959	0.715	22.033	0.723	22.058	0.787	22.076	0.864	26.154	-0.273	26.170	-0.300	26.185	-0.306	26.158	-0.263
22.094	0.851	22.116	0.803	22.121	0.755	22.132	0.679	26.216	-0.216	26.232	-0.101	26.258	-0.106	26.278	-0.070
22.144	0.561	22.156	0.485	22.172	0.431	22.181	0.417	26.300	-0.041	26.315	0.057	26.332	0.121	26.358	0.234
22.236	0.341	22.202	0.377	22.212	0.300	22.229	0.211	26.384	0.305	26.415	0.432	26.438	0.510	26.458	0.546
22.295	-0.120	22.309	-0.210	22.317	-0.265	22.326	-0.341	26.558	0.566	26.567	0.539	26.584	0.484	26.614	0.374
22.337	-0.417	22.364	-0.568	22.378	-0.617	22.408	-0.623	26.644	0.368	26.677	0.335	26.708	0.322	26.743	0.310
22.431	-0.615	22.445	-0.593	22.469	-0.433	22.493	-0.404	26.713	0.200	26.795	0.131	26.815	0.063	26.840	-0.039
22.511	-0.445	22.527	-0.549	22.559	-0.742	22.574	-0.818	26.853	-0.107	26.865	-0.141	26.878	-0.216	26.885	-0.264
22.587	-0.922	22.598	-0.949	22.616	-0.837	22.628	-0.802	26.897	-0.304	26.908	-0.256	26.919	-0.256	26.927	-0.309
22.640	-0.760	22.655	-0.571	22.669	-0.453	22.676	-0.411	26.938	-0.329	26.952	-0.342	26.968	-0.348	26.986	-0.333
22.682	-0.327	22.699	-0.194	22.714	-0.145	22.772	-0.156	26.959	-0.331	27.014	-0.330	27.026	-0.350	27.038	-0.377
22.798	-0.141	22.825	-0.078	22.836	-0.029	22.854	0.056	27.050	-0.390	27.059	-0.389	27.068	-0.401	27.077	-0.414
22.940	0.400	22.951	0.393	22.993	0.386	22.967	0.408	27.067	-0.433	27.057	-0.410	27.108	-0.367	27.121	-0.379
22.976	0.463	22.988	0.499	23.002	0.464	23.023	0.507	27.134	-0.317	27.148	-0.359	27.161	-0.339	27.178	-0.332
23.037	0.507	23.048	0.521	23.057	0.543	23.069	0.585	27.199	-0.317	27.222	-0.274	27.241	-0.190	27.257	-0.086
23.126	0.614	23.150	0.511	23.172	0.449	23.191	0.381	27.274	-0.065	27.294	-0.008	27.318	-0.019	27.342	-0.073
23.209	0.347	23.236	0.264	23.253	0.265	23.269	0.217	27.364	0.106	27.382	0.051	27.404	0.012	27.428	0.101
23.286	0.246	23.303	0.170	23.311	0.170	23.327	0.102	27.454	0.219	27.478	0.315	27.503	0.377	27.532	0.390
23.341	0.026	23.356	-0.001	23.361	0.006	23.373	-0.042	27.548	0.377	27.574	0.358	27.596	0.374	27.615	0.327
23.384	-0.097	23.400	-0.131	23.413	-0.158	23.431	-0.226	27.639	0.280	27.669	0.310	27.706	0.386	27.725	0.450
23.447	-0.295	23.475	-0.418	23.488	-0.486	23.503	-0.520	27.743	0.437	27.767	0.341	27.792	0.157	27.810	0.114
23.517	-0.540	23.550	-0.476	23.590	-0.313	23.618	-0.214	27.843	0.023	27.868	-0.011	27.892	-0.001	27.908	0.021
								27.927	0.008	27.955	-0.066	27.983	-0.053	28.003	-0.119
								28.026	-0.122	28.048	-0.159	28.064	-0.179	28.093	-0.219

28.117	-0.266	28.139	-0.251	28.163	-0.263	28.200	-0.269	32.578	0.576	32.591	0.617	32.610	0.631	32.629	0.541
28.234	-0.254	28.257	-0.226	28.298	-0.163	28.326	-0.121	32.645	0.534	32.664	0.478	32.681	0.471	32.706	0.409
28.354	-0.114	28.387	-0.141	28.428	-0.105	28.452	-0.086	32.725	0.347	32.743	0.313	32.764	0.306	32.787	0.244
28.474	0.000	28.504	0.049	28.540	0.085	28.555	0.072	32.813	0.161	32.834	0.064	32.864	-0.032	32.888	-0.115
28.582	0.058	28.605	0.059	28.631	0.115	28.654	0.116	32.912	-0.177	32.934	-0.274	32.957	-0.350	32.979	-0.343
28.672	0.116	28.693	0.102	28.706	0.103	28.725	0.145	33.000	-0.384	33.024	-0.432	33.042	-0.460	33.059	-0.466
28.740	0.152	28.761	0.103	28.780	0.097	28.792	0.104	33.084	-0.500	33.101	-0.456	33.119	-0.418	33.145	-0.424
28.813	0.077	28.840	0.071	28.860	0.009	28.885	-0.011	33.171	-0.652	33.196	-0.623	33.221	-0.635	33.245	-0.435
28.917	-0.052	28.935	-0.100	28.950	-0.134	28.967	-0.141	33.270	-0.344	33.299	-0.253	33.319	-0.135	33.333	-0.093
28.983	-0.133	29.005	-0.104	29.027	-0.027	29.055	0.037	33.351	-0.092	33.374	-0.036	33.397	0.013	33.416	0.097
29.070	0.072	29.088	0.031	29.107	0.011	29.124	0.016	33.442	0.222	33.467	0.327	33.492	0.418	33.516	0.522
29.154	-0.021	29.175	-0.090	29.191	-0.068	29.206	0.036	33.546	0.579	33.570	0.628	33.585	0.635	33.605	0.642
29.227	0.107	29.250	0.233	29.273	0.296	29.293	0.296	33.622	0.643	33.636	0.643	33.651	0.650	33.670	0.630
29.314	0.297	29.339	0.249	29.360	0.180	29.377	0.111	33.687	0.567	33.707	0.533	33.722	0.533	33.744	0.541
29.395	0.050	29.414	0.043	29.439	0.058	29.456	0.030	33.765	0.555	33.787	0.542	33.804	0.494	33.830	0.447
29.471	0.045	29.488	0.073	29.504	0.121	29.515	0.163	33.858	0.371	33.879	0.247	33.899	0.116	33.915	-0.015
29.532	0.157	29.553	0.136	29.570	0.060	29.590	0.005	33.943	-0.063	33.968	-0.145	33.992	-0.248	34.006	-0.289
29.603	-0.002	29.617	0.040	29.634	0.061	29.652	0.068	34.025	-0.274	34.044	-0.266	34.065	-0.265	34.082	-0.327
29.673	0.068	29.693	0.048	29.711	0.062	29.723	0.027	34.107	-0.354	34.128	-0.335	34.142	-0.304	34.166	-0.387
29.741	-0.007	29.761	-0.055	29.778	-0.110	29.794	-0.144	34.186	-0.402	34.206	-0.324	34.223	-0.552	34.244	-0.488
29.811	-0.116	29.837	-0.088	29.850	-0.073	29.870	-0.157	34.256	-0.467	34.265	-0.488	34.285	-0.425	34.295	-0.424
29.895	-0.191	29.919	-0.211	29.949	-0.183	29.967	-0.211	34.312	-0.354	34.325	-0.215	34.345	-0.145	34.364	-0.110
30.060	-0.093	30.082	-0.086	30.099	-0.142	30.041	-0.114	34.379	-0.088	34.385	-0.040	34.407	-0.046	34.423	-0.025
30.135	0.075	30.147	0.082	30.164	0.075	30.186	0.047	34.434	-0.053	34.452	-0.017	34.471	0.005	34.487	0.040
30.203	0.075	30.226	0.104	30.247	0.126	30.262	0.112	34.508	0.055	34.528	0.132	34.547	0.223	34.569	0.293
30.285	0.196	30.305	0.176	30.320	0.198	30.328	0.226	34.556	0.412	34.610	0.448	34.627	0.441	34.645	0.428
30.341	0.192	30.356	0.199	30.372	0.207	30.391	0.207	34.665	0.512	34.681	0.501	34.706	0.603	34.724	0.562
30.414	0.222	30.435	0.244	30.457	0.272	30.478	0.245	34.741	0.528	34.778	0.501	34.778	0.453	34.758	0.453
30.500	0.190	30.525	0.149	30.543	0.122	30.565	0.150	34.817	0.419	34.837	0.385	34.853	0.295	34.871	0.225
30.586	0.137	30.606	0.103	30.629	0.075	30.648	0.048	34.889	0.198	34.905	0.163	34.919	0.073	34.938	0.045
30.670	-0.007	30.691	-0.069	30.712	-0.124	30.735	-0.172	34.957	0.011	34.977	-0.017	34.996	-0.037	35.011	-0.030
30.759	-0.227	30.774	-0.275	30.792	-0.289	30.812	-0.261	35.036	-0.030	35.058	-0.079	35.079	-0.120	35.052	-0.148
30.831	-0.233	30.852	-0.246	30.870	-0.274	30.886	-0.301	35.113	-0.147	35.130	-0.168	35.147	-0.196	35.165	-0.230
30.902	-0.315	30.919	-0.308	30.938	-0.349	30.955	-0.377	35.180	-0.244	35.195	-0.250	35.214	-0.333	35.225	-0.402
30.970	-0.391	30.988	-0.425	31.002	-0.411	31.015	-0.362	35.247	-0.457	35.270	-0.470	35.289	-0.491	35.304	-0.511
31.030	-0.334	31.046	-0.313	31.061	-0.257	31.073	-0.221	35.331	-0.476	35.346	-0.427	35.365	-0.350	35.386	-0.363
31.089	-0.193	31.110	-0.130	31.119	-0.088	31.135	-0.045	35.405	-0.355	35.423	-0.244	35.437	-0.174	35.460	-0.117
31.161	0.060	31.185	0.103	31.201	0.097	31.215	0.097	35.477	-0.089	35.457	-0.068	35.517	-0.005	35.534	0.037
31.235	0.119	31.255	0.148	31.284	0.156	31.302	0.178	35.551	0.066	35.566	0.108	35.586	0.185	35.603	0.227
31.322	0.220	31.344	0.312	31.361	0.396	31.383	0.424	35.614	0.241	35.627	0.255	35.640	0.234	35.659	0.151
31.404	0.467	31.424	0.496	31.437	0.510	31.451	0.511	35.678	0.131	35.691	0.138	35.702	0.159	35.716	0.180
31.471	0.491	31.493	0.471	31.517	0.437	31.537	0.409	35.732	0.257	35.745	0.320	35.759	0.362	35.776	0.453
31.550	0.361	31.569	0.334	31.592	0.279	31.614	0.266	35.789	0.509	35.798	0.571	35.811	0.558	35.827	0.607
31.630	0.259	31.649	0.253	31.665	0.218	31.679	0.170	35.845	0.552	35.862	0.504	35.879	0.414	35.893	0.338
31.655	0.114	31.708	0.031	31.724	-0.038	31.737	-0.128	35.912	0.241	35.930	0.200	35.944	0.194	35.960	0.153
31.749	-0.184	31.763	-0.246	31.779	-0.322	31.799	-0.385	35.976	0.174	35.989	0.237	36.004	0.300	36.017	0.308
31.813	-0.412	31.829	-0.398	31.844	-0.405	31.861	-0.394	36.025	0.301	36.042	0.309	36.064	0.303	36.081	0.297
31.872	-0.363	31.893	-0.405	31.908	-0.425	31.923	-0.418	36.157	-0.075	36.171	-0.179	36.186	-0.262	36.207	-0.414
31.941	-0.459	31.949	-0.460	31.960	-0.460	31.966	-0.473	36.225	-0.532	36.240	-0.560	36.253	-0.531	36.272	-0.538
32.014	-0.459	32.039	-0.444	32.059	-0.443	32.086	-0.401	36.251	-0.511	36.305	-0.482	36.326	-0.433	36.345	-0.378
32.112	-0.344	32.144	-0.294	32.174	-0.216	32.198	-0.160	36.358	-0.358	36.378	-0.322	36.394	-0.301	36.411	-0.288
32.225	-0.089	32.246	-0.053	32.271	-0.052	32.299	-0.164	36.422	-0.339	36.435	-0.301	36.449	-0.274	36.464	-0.301
32.325	0.249	32.325	0.298	32.355	0.228	32.381	0.360	36.481	-0.321	36.456	-0.398	36.516	-0.473	36.525	-0.452
32.410	0.402	32.439	0.430	32.458	0.485	32.476	0.513	36.542	-0.445	36.560	-0.445	36.573	-0.403	36.586	-0.326
32.497	0.548	32.515	0.589	32.539	0.624	32.556	0.603	36.605	-0.235	36.621	-0.179	36.631	-0.060	36.641	-0.011

36.653	C.045	36.674	0.087	36.687	0.150	36.704	0.165
36.721	0.207	36.734	0.186	36.745	0.187	36.760	0.180
36.777	0.187	36.792	0.208	36.806	0.236	36.821	0.278
36.836	0.320	36.852	0.368	36.868	0.438	36.882	0.487
36.893	0.556	36.906	0.619	36.920	0.654	36.934	0.606
36.947	0.579	36.968	0.558	36.981	0.503	37.002	0.434
37.024	0.372	37.042	0.324	37.058	0.256	37.074	C.304
37.092	0.311	37.106	0.340	37.121	0.340	37.136	C.306
37.158	C.300	37.177	0.294	37.197	0.246	37.216	0.184
37.240	0.087	37.260	0.004	37.280	-0.044	37.297	-0.099
37.317	-0.168	37.337	-0.244	37.352	-0.271	37.372	-0.256
37.385	-0.235	37.409	-0.234	37.423	-0.234	37.438	-0.226
37.453	-0.218	37.471	-0.232	37.488	-0.203	37.506	-0.196
37.523	-C.188	37.536	-0.201	37.557	-0.249	37.577	-0.283
37.592	-0.296	37.617	-0.324	37.636	-0.289	37.653	-0.254
37.666	-0.191	37.681	-0.129	37.698	-0.052	37.711	0.025
37.726	0.1C8	37.747	0.143	37.767	0.199	37.790	0.178
37.809	0.185	37.832	0.192	37.853	0.227	37.872	C.310
37.888	0.338	37.909	0.379	37.926	0.414	37.944	0.456
37.966	0.490	37.984	0.463	37.998	0.421	38.020	0.428
38.042	0.372	38.070	0.324	38.092	0.275	38.116	0.255
38.134	0.234	38.150	0.234	38.171	0.207	38.193	C.145
38.218	0.082	38.235	0.013	38.261	-0.028	38.285	-0.013
38.302	0.001	38.323	0.036	38.348	0.002	38.363	-0.039
38.388	-0.088	38.410	-0.164	38.438	-0.288	38.455	-0.323
38.476	-0.323	38.493	-0.288	38.512	-0.281	38.526	-C.260
38.542	-0.274	38.561	-0.253	38.581	-0.218	38.605	-0.169
38.622	-0.169	38.647	-0.183	38.667	-0.218	38.690	-0.218
38.716	-0.190	38.738	-0.134	38.759	-0.043	38.782	-0.008
38.803	0.033	38.823	0.056	38.839	0.110	38.854	0.111
38.876	0.132	38.897	0.181	38.916	0.216	38.936	0.251
38.958	0.273	38.977	0.259	38.998	0.239	39.020	0.274
39.034	0.246	39.047	0.246	39.067	0.267	39.090	C.282
39.114	0.317	39.133	0.338	39.150	0.331	39.169	0.317
39.191	0.311	39.210	0.262	39.232	0.200	39.252	0.145
39.269	0.085	39.288	0.034	39.304	0.041	39.329	0.001
39.354	-0.019	39.376	-0.012	39.397	-0.053	39.418	-0.059
39.437	-0.072	39.464	-0.085	39.483	-0.119	39.506	-0.152
39.526	-0.165	39.543	-0.206	39.566	-0.261	39.587	-0.211
39.619	-0.217	39.644	-0.209	39.671	-0.166	39.691	-0.144
39.724	-0.066	39.752	-0.065	39.776	-0.043	39.799	-0.042
39.821	0.000	39.841	0.022	39.866	0.078	39.891	0.135
39.913	0.177	39.934	0.219	39.955	0.254	39.977	0.254
39.957	C.240	40.015	0.213	40.042	0.192	40.059	0.192
40.084	0.164	40.104	0.150	40.131	0.157	40.147	0.178
40.165	0.185	40.181	0.206	40.196	0.199	40.215	0.207
40.230	0.200	40.251	0.186	40.272	0.166	40.286	0.138
40.298	0.131	40.314	0.083	40.331	0.048	40.353	0.021
40.370	-0.028	40.389	-0.055	40.399	-0.076	40.402	-0.069
40.409	-0.090	40.423	-0.110	40.435	-0.124	40.457	-0.131

IR245

71.173 2/9/71 0600PST L.A. 222 FIGUEROA ST. 20TH FL.

2655 POINTS 40.448 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.6269 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.012	0.018	0.020	0.036	0.028	0.051	0.028	2.449	-0.283	2.463	-0.263	2.478	-0.172	2.492	-0.076
0.072	-0.033	0.091	-0.046	0.115	0.018	0.133	0.014	2.505	0.028	2.520	0.125	2.535	0.159	2.554	0.235
0.155	0.069	0.173	0.030	0.189	0.030	0.208	0.004	2.568	0.237	2.582	0.312	2.601	0.352	2.618	0.345
0.225	-0.036	0.241	-0.056	0.264	0.012	0.281	0.044	2.631	0.351	2.645	0.378	2.662	0.399	2.676	0.329
0.293	0.087	0.304	0.101	0.322	0.047	0.338	-0.041	2.693	0.232	2.703	0.156	2.720	0.149	2.736	0.149
0.351	-0.102	0.369	-0.094	0.384	-0.065	0.402	-0.050	2.753	0.114	2.766	-0.073	2.780	-0.010	2.793	-0.100
0.418	-0.042	0.426	-0.021	0.438	0.049	0.452	0.111	2.807	-0.203	2.822	-0.272	2.843	-0.396	2.861	-0.458
0.459	0.132	0.474	0.084	0.490	0.015	0.502	-0.012	2.882	-0.457	2.897	-0.401	2.912	-0.345	2.926	-0.331
0.521	0.023	0.533	0.064	0.549	0.037	0.563	-0.012	2.942	-0.351	2.959	-0.322	2.975	-0.225	2.994	-0.100
0.579	-0.060	0.594	-0.039	0.605	0.009	0.618	0.037	3.008	-0.031	3.020	0.107	3.033	0.184	3.052	0.170
0.630	0.016	0.644	-0.011	0.658	0.031	0.671	0.031	3.072	0.164	3.085	0.192	3.094	0.275	3.108	0.371
0.684	0.045	0.698	-0.010	0.712	-0.050	0.729	0.077	3.121	0.426	3.138	0.426	3.161	0.480	3.173	0.508
0.745	-0.117	0.754	-0.164	0.765	-0.163	0.779	-0.121	3.187	0.439	3.198	0.266	3.209	0.107	3.221	0.044
0.792	-0.031	0.805	0.052	0.817	0.101	0.828	0.115	3.253	0.014	3.251	-0.009	3.266	0.022	3.278	0.045
0.842	0.115	0.859	0.081	0.878	0.047	0.894	-0.030	3.294	0.014	3.305	-0.076	3.318	-0.228	3.330	-0.219
0.911	-0.032	0.927	0.022	0.939	0.132	0.950	0.214	3.342	-0.423	3.356	-0.420	3.370	-0.569	3.384	-0.555
0.962	0.268	0.972	0.239	0.985	0.128	0.997	0.004	3.396	-0.486	3.407	-0.369	3.423	-0.280	3.434	-0.170
1.010	-0.079	1.025	-0.121	1.041	-0.094	1.055	-0.066	3.447	-0.039	3.462	0.003	3.478	0.023	3.493	0.064
1.068	-0.018	1.085	0.016	1.105	0.030	1.119	0.016	3.505	0.120	3.521	0.141	3.536	0.156	3.552	0.288
1.136	-0.018	1.158	-0.087	1.180	-0.198	1.194	-0.227	3.564	0.364	3.580	0.352	3.592	0.407	3.608	0.407
1.207	-0.138	1.219	-0.056	1.231	-0.009	1.244	-0.065	3.623	0.484	3.637	0.360	3.654	0.540	3.671	0.471
1.256	-0.128	1.268	-0.184	1.286	-0.157	1.307	-0.115	3.688	0.389	3.708	-0.237	3.715	-0.038	3.728	-0.183
1.322	-0.046	1.345	0.051	1.359	0.127	1.376	0.238	3.738	-0.361	3.748	-0.425	3.755	-0.480	3.771	-0.439
1.387	0.273	1.403	0.254	1.419	0.172	1.433	0.083	3.781	-0.364	3.792	-0.302	3.808	-0.234	3.824	-0.290
1.447	0.029	1.463	0.051	1.478	0.134	1.494	0.087	3.840	-0.359	3.852	-0.443	3.870	-0.385	3.888	-0.512
1.511	0.184	1.521	0.184	1.535	0.177	1.547	0.087	3.902	-0.533	3.922	-0.451	3.935	-0.306	3.947	-0.113
1.555	0.026	1.567	-0.064	1.580	-0.112	1.591	-0.126	3.961	0.115	3.974	0.239	3.986	0.377	4.003	0.446
1.605	-0.126	1.631	-0.099	1.651	-0.099	1.664	-0.099	4.017	0.439	4.033	0.423	4.042	0.405	4.060	0.426
1.659	-0.127	1.675	-0.176	1.698	0.190	1.688	0.190	4.074	0.558	4.083	0.613	4.100	0.662	4.114	0.634
1.722	-0.081	1.741	-0.041	1.756	-0.021	1.756	-0.021	4.128	0.462	4.140	0.462	4.150	0.237	4.162	0.159
1.775	-0.119	1.792	-0.146	1.806	-0.232	1.823	-0.164	4.178	0.145	4.190	0.131	4.202	0.063	4.216	0.015
1.837	0.060	1.854	0.044	1.879	0.140	1.898	0.140	4.226	-0.006	4.241	-0.055	4.257	-0.191	4.276	-0.363
1.920	0.071	1.937	-0.004	1.951	-0.025	1.966	0.004	4.289	-0.570	4.300	-0.777	4.314	-0.500	4.324	-0.548
1.979	0.032	1.999	0.088	2.023	0.123	2.043	0.165	4.336	-0.900	4.345	-0.757	4.356	-0.434	4.364	-0.555
2.067	0.166	2.087	0.201	2.106	0.194	2.120	0.133	4.375	-0.445	4.385	-0.410	4.404	-0.396	4.421	-0.389
2.2136	0.051	2.149	0.024	2.169	0.018	2.183	0.018	4.432	-0.307	4.448	-0.156	4.460	-0.100	4.474	0.003
2.2199	-0.002	2.219	-0.042	2.236	-0.090	2.255	-0.145	4.493	0.163	4.504	0.541	4.519	0.541	4.533	0.720
2.271	-0.151	2.283	-0.186	2.304	-0.131	2.320	-0.124	4.547	0.824	4.561	0.748	4.575	0.644	4.582	0.616
2.342	-0.069	2.351	-0.006	2.365	-0.007	2.365	-0.007	4.596	0.651	4.608	0.672	4.622	0.699	4.639	0.692
2.3382	-0.089	2.397	-0.165	2.413	-0.267	2.431	-0.241	4.654	0.665	4.668	0.659	4.681	0.630	4.695	0.399

4.766	0.168	4.718	-0.060	4.735	-0.316	4.746	-0.441	7.399	0.203	7.409	0.113	7.421	-0.239	7.434	-0.640
4.761	-0.661	4.782	-0.682	4.799	-0.579	4.812	-0.441	7.445	-0.964	7.457	-1.088	7.471	-0.943	7.482	-0.680
4.826	-0.457	4.840	-0.669	4.855	-0.842	4.868	-0.918	7.452	-0.425	7.455	-0.183	7.457	0.086	7.458	-0.300
4.882	-0.898	4.890	-0.787	4.901	-0.732	4.921	-0.712	7.529	0.521	7.521	0.577	7.563	0.577	7.571	0.473
4.935	-0.588	4.950	-0.360	4.959	-0.119	4.967	0.005	7.580	0.384	7.596	0.336	7.611	0.308	7.628	0.308
4.976	0.137	4.986	0.268	5.003	0.295	5.015	0.302	7.638	0.288	7.651	0.205	7.669	0.136	7.683	0.157
5.029	0.446	5.044	0.633	5.054	0.646	5.068	0.646	7.695	0.178	7.704	0.275	7.713	0.268	7.721	0.309
5.079	0.839	5.092	0.839	5.102	0.922	5.119	0.929	7.732	0.247	7.746	0.240	7.757	0.199	7.763	0.247
5.134	0.874	5.146	0.770	5.159	0.722	5.175	0.577	7.772	0.171	7.785	0.015	7.799	-0.167	7.813	-0.471
5.190	0.425	5.204	0.308	5.214	0.246	5.231	0.239	7.824	-0.650	7.840	-0.739	7.856	-0.642	7.867	-0.455
5.248	0.204	5.264	0.032	5.276	-0.216	5.289	-0.429	7.884	-0.289	7.897	-0.185	7.909	-0.143	7.924	-0.074
5.302	-0.657	5.318	-0.780	5.330	-0.877	5.343	-0.931	7.939	0.120	7.956	0.438	7.970	0.750	7.982	1.080
5.359	-0.931	5.374	-0.883	5.388	-0.814	5.401	-0.738	7.992	1.384	8.002	1.565	8.015	1.861	8.030	1.979
5.412	-0.697	5.424	-0.697	5.435	-0.697	5.444	-0.738	8.044	2.041	8.056	1.869	8.069	1.600	8.086	1.069
5.459	-0.738	5.471	-0.628	5.485	-0.504	5.495	-0.311	8.097	0.786	8.108	0.738	8.121	0.718	8.131	0.621
5.507	-0.083	5.520	0.179	5.534	0.365	5.550	0.503	8.140	0.510	8.156	0.275	8.168	-0.022	8.178	-0.257
5.566	0.648	5.581	0.717	5.593	0.779	5.608	0.744	8.193	-0.907	8.210	-1.454	8.226	-2.005	8.238	-2.420
5.618	0.723	5.635	0.827	5.647	0.999	5.656	1.137	8.251	-2.607	8.263	-2.539	8.271	-2.451	8.276	-2.540
5.662	1.200	5.675	1.206	5.695	1.172	5.709	1.186	8.285	-2.437	8.292	-2.548	8.299	-2.452	8.306	-2.556
5.720	1.193	5.728	1.117	5.737	1.117	5.751	0.772	8.315	-2.384	8.323	-2.461	8.328	-2.426	8.333	-2.275
5.767	0.420	5.781	0.019	5.797	-0.367	5.819	-0.643	8.340	-2.365	8.347	-2.372	8.356	-2.056	8.361	-2.298
5.832	-0.803	5.849	-1.066	5.862	-1.197	5.876	-1.253	8.367	-2.070	8.384	-2.182	8.393	-2.107	8.403	-2.005
5.889	-1.157	5.904	-1.055	5.920	-1.075	5.930	-1.103	8.414	-2.103	8.424	-1.524	8.435	-1.339	8.452	-0.375
5.940	-1.173	5.953	-1.201	5.965	-1.022	5.979	-0.664	8.471	0.679	8.486	1.305	8.497	1.870	8.510	2.324
5.993	-0.251	6.004	-0.523	6.012	-0.045	6.030	-0.011	8.519	2.751	8.527	3.116	8.537	3.053	8.545	3.142
6.043	-0.288	6.056	-0.538	6.069	-0.779	6.083	-0.869	8.558	2.865	8.563	2.513	8.570	2.513	8.583	1.863
6.097	-0.711	6.114	-0.428	6.125	-0.035	6.134	0.179	8.598	1.182	8.604	0.675	8.612	0.841	8.621	0.336
6.147	0.517	6.159	0.655	6.168	0.710	6.181	0.586	8.627	0.177	8.635	0.151	8.644	0.026	8.651	1.158
6.191	0.386	6.201	0.151	6.212	0.026	6.218	-0.160	8.665	0.577	8.677	0.750	8.682	1.026	8.691	1.588
6.230	-0.236	6.244	-0.271	6.255	-0.132	6.263	-0.063	8.701	1.414	8.717	1.283	8.728	1.408	8.737	0.594
6.274	0.185	6.286	0.399	6.297	0.654	6.308	0.875	8.747	1.091	8.760	0.464	8.769	0.374	8.776	0.023
6.317	1.103	6.326	1.351	6.346	1.476	6.357	1.344	8.784	0.002	8.792	-0.212	8.802	-0.212	8.810	-0.177
6.369	1.062	6.381	0.765	6.393	0.573	6.403	0.449	8.819	-0.267	8.829	-0.177	8.841	-0.273	8.849	-0.473
6.416	0.491	6.428	0.567	6.440	0.664	6.457	0.720	8.868	-1.018	8.884	-1.751	8.899	-1.806	8.913	-2.826
6.471	0.610	6.482	0.445	6.496	0.177	6.508	-0.189	8.927	-2.626	8.946	-2.227	8.960	-1.806	8.972	-1.758
6.522	-0.623	6.532	-0.933	6.541	-1.091	6.550	-1.208	8.977	-1.524	8.986	-1.328	8.996	-1.042	9.010	-0.621
6.559	-1.222	6.568	-1.146	6.577	-0.931	6.589	-0.641	9.024	-0.159	9.041	0.509	9.054	0.647	9.061	0.819
6.599	-0.309	6.608	-0.060	6.613	0.036	6.622	0.023	9.069	0.923	9.085	1.384	9.098	1.853	9.110	2.281
6.632	0.112	6.639	0.057	6.649	0.002	6.660	-0.109	9.124	2.846	9.132	2.551	9.138	2.046	9.147	2.983
6.672	-0.130	6.682	-0.178	6.690	-0.109	6.701	0.028	9.154	2.714	9.166	2.644	9.176	2.133	9.185	1.857
6.710	0.215	6.720	0.366	6.729	0.566	6.739	0.621	9.196	1.519	9.213	1.243	9.222	0.587	9.238	0.760
6.746	0.739	6.755	0.780	6.761	0.918	6.768	0.966	9.250	0.477	9.264	0.167	9.275	0.076	9.286	0.049
6.783	1.118	6.794	1.159	6.801	1.083	6.811	0.945	9.293	-0.082	9.305	-0.131	9.317	-0.427	9.329	-0.855
6.825	0.517	6.837	0.027	6.849	-0.484	6.861	-0.733	9.343	-1.228	9.355	-1.373	9.366	-1.559	9.375	-1.614
6.874	-0.884	6.885	-0.932	6.902	-0.857	6.916	-0.801	9.385	-1.559	9.393	-1.655	9.402	-1.565	9.414	-1.607
6.929	-0.752	6.938	-0.717	6.947	-0.620	6.963	-0.620	9.424	-1.352	9.433	-1.282	9.444	-0.999	9.456	-0.730
6.974	-0.592	6.986	-0.599	6.999	-0.655	7.004	-0.812	9.465	-0.502	9.476	-0.495	9.485	-0.537	9.500	-0.558
7.011	-0.554	7.020	-0.978	7.032	-0.936	7.040	-0.811	9.510	-0.462	9.527	-0.378	9.540	-0.213	9.553	-0.146
7.048	-0.763	7.054	-0.570	7.063	-0.514	7.071	-0.452	9.563	0.146	9.573	0.394	9.585	0.732	9.596	0.788
7.082	-0.500	7.094	-0.569	7.110	-0.465	7.127	-0.216	9.603	0.940	9.611	0.961	9.624	1.134	9.638	1.313
7.138	-0.015	7.147	0.130	7.158	0.178	7.169	0.364	9.648	1.341	9.653	1.293	9.663	1.411	9.669	1.411
7.183	0.569	7.190	0.681	7.202	0.992	7.212	1.233	9.677	1.480	9.691	1.351	9.705	1.433	9.714	1.351
7.220	1.344	7.229	1.343	7.243	1.136	7.256	0.957	9.726	1.418	9.730	1.251	9.737	1.188	9.744	1.009
7.270	0.743	7.282	0.639	7.287	0.604	7.301	0.563	9.753	0.878	9.765	0.403	9.775	0.004	9.788	-0.257
7.310	0.445	7.325	0.273	7.333	0.148	7.341	0.093	9.801	-0.304	9.815	-0.421	9.815	-0.269	9.830	-0.103
7.352	-0.004	7.365	0.072	7.376	0.148	7.390	0.244	9.838	0.125	9.847	0.256	9.857	0.380	9.866	0.442

9.874	0.359	9.883	0.331	9.889	0.276	9.904	-0.007	12.329	0.154	12.345	0.059	12.354	0.195	12.363	-0.012
9.917	-0.332	9.934	-0.098	9.949	-1.438	9.965	-1.908	12.371	0.064	12.385	-0.149	12.395	0.037	12.403	-0.025
9.982	-2.137	9.997	-2.193	10.009	-2.084	10.016	-1.581	12.419	0.156	12.436	0.617	12.450	1.308	12.465	1.814
10.023	-1.926	10.037	-1.996	10.050	-2.087	10.061	-2.204	12.482	2.821	12.487	2.571	12.497	2.467	12.510	1.902
10.076	-2.383	10.087	-2.548	10.099	-2.658	10.111	-2.672	12.520	1.1798	12.536	1.156	12.547	0.673	12.553	0.632
10.116	-2.713	10.123	-2.367	10.133	-2.326	10.145	-1.821	12.561	0.328	12.570	0.425	12.579	0.073	12.584	0.025
10.158	-1.413	10.178	-0.577	10.202	0.286	10.220	1.158	12.590	0.141	12.598	0.025	12.607	-0.051	12.616	-0.169
10.232	1.502	10.242	1.868	10.250	2.227	10.256	2.158	12.628	0.045	12.638	0.024	12.649	0.127	12.666	0.161
10.271	2.353	10.284	2.270	10.298	2.243	10.306	2.140	12.670	0.002	12.679	0.044	12.689	-0.081	12.700	-0.095
10.311	2.154	10.316	2.023	10.325	2.195	10.329	2.078	12.708	0.213	12.721	0.151	12.732	-0.199	12.745	-0.179
10.339	2.215	10.355	2.215	10.367	1.877	10.378	2.296	12.761	0.297	12.771	0.180	12.793	-0.222	12.807	-1.498
10.380	2.215	10.394	2.201	10.404	2.366	10.418	2.035	12.820	1.651	12.831	1.547	12.845	-1.174	12.867	-0.967
10.435	1.393	10.451	0.751	10.463	0.634	10.479	0.006	12.851	-0.643	12.907	-0.002	12.925	-0.016	12.936	0.212
10.491	-0.139	10.501	-0.312	10.511	-0.291	10.518	-0.305	12.950	0.281	12.965	0.281	12.978	0.177	12.986	0.004
10.528	-0.057	10.538	-0.126	10.549	0.054	10.559	0.079	12.996	0.072	13.003	-	13.021	-0.148	13.037	-0.100
10.569	0.116	10.582	0.057	10.600	-0.333	10.619	-0.879	13.048	0.031	13.057	0.148	13.071	0.216	13.087	0.430
10.637	-1.604	10.655	-2.384	10.664	-2.757	10.682	-2.923	13.101	0.678	13.110	0.388	13.124	1.319	13.132	1.561
10.656	-2.861	10.715	-2.192	10.727	-1.626	10.743	-1.219	13.142	1.051	13.156	1.624	13.171	1.298	13.183	1.056
10.752	-0.868	10.762	-0.543	10.775	-0.288	10.794	-0.212	13.197	1.160	13.209	1.422	13.219	1.091	13.230	1.056
10.792	-0.150	10.800	-0.122	10.809	-0.246	10.817	-0.212	13.241	0.842	13.248	0.615	13.258	0.608	13.268	0.304
*10.826	-0.568	10.849	-0.274	10.864	0.023	10.873	0.409	13.284	0.145	13.298	-0.103	13.312	-0.241	13.320	-0.254
10.885	0.568	10.898	1.258	10.911	1.866	10.924	2.288	13.334	-0.592	13.351	-0.599	13.366	-0.461	13.388	-0.661
10.940	2.654	10.951	2.972	10.962	2.869	10.975	2.179	13.402	-0.585	13.419	-0.619	13.433	-0.034	13.444	-1.186
10.988	1.800	11.003	1.346	11.011	0.994	11.022	0.891	13.452	-1.145	13.474	-1.187	13.486	-1.029	13.506	-1.037
11.034	0.533	11.047	0.237	11.056	-0.011	11.065	-0.203	13.520	-1.086	13.537	-0.549	13.544	-0.839	13.550	-0.722
11.076	-0.396	11.094	-0.449	11.101	-0.552	11.113	-0.420	13.551	-0.625	13.555	-0.584	13.560	-0.543	13.580	-0.162
11.125	-0.461	11.138	-0.571	11.150	-0.647	11.158	-0.585	13.555	0.142	13.566	0.284	13.612	0.453	13.623	0.551
11.170	-0.176	11.182	-1.164	11.192	-1.213	11.202	-1.433	13.630	0.861	13.640	1.069	13.652	1.028	13.663	1.118
11.211	-1.364	11.222	-1.399	11.231	-1.282	11.244	-0.026	13.669	1.250	13.676	1.132	13.682	1.201	13.688	1.160
11.254	-0.689	11.263	-0.641	11.275	-0.297	11.283	-0.201	13.696	1.250	13.704	1.354	13.720	1.293	13.728	1.362
11.292	-0.215	11.306	-0.085	11.317	-0.161	11.323	-0.134	13.736	1.362	13.738	1.438	13.743	1.432	13.755	1.525
11.328	-0.507	11.335	-0.418	11.344	-0.770	11.355	-0.640	13.762	1.508	13.771	1.543	13.787	1.544	13.795	1.456
11.365	-0.785	11.374	-0.606	11.384	-0.717	11.392	-0.241	13.803	1.442	13.816	1.366	13.829	1.284	13.845	1.237
11.406	-0.000	11.418	0.572	11.429	1.579	11.441	1.793	13.864	1.176	13.873	1.038	13.884	0.976	13.893	0.936
11.448	1.496	11.459	1.764	11.467	1.584	11.476	0.958	13.906	0.909	13.914	0.757	13.923	0.882	13.931	1.082
11.485	0.915	11.495	0.431	11.503	0.293	11.520	-0.011	13.936	0.889	13.942	0.676	13.947	0.573	13.959	0.608
11.532	-0.211	11.546	-0.315	11.563	-0.329	11.570	-0.501	13.968	0.525	13.978	0.346	13.995	0.195	14.002	0.051
11.581	-0.205	11.591	-0.226	11.606	-0.101	11.619	-0.239	14.008	-0.197	14.013	-0.252	14.026	-0.272	14.035	-0.424
11.638	-0.349	11.655	-0.715	11.664	-0.874	11.682	-0.942	14.046	-0.761	14.060	-0.588	14.072	-1.264	14.083	-1.560
11.697	-0.832	11.706	-0.804	11.720	-0.680	11.738	-0.480	14.054	-1.780	14.103	-1.904	14.113	-1.945	14.119	-1.517
11.756	-0.073	11.768	0.134	11.778	0.141	11.787	0.327	14.130	-1.813	14.138	-1.702	14.147	-1.515	14.159	-1.342
11.796	0.417	11.810	0.472	11.822	0.361	11.831	0.382	14.150	-1.162	14.158	-0.555	14.218	-0.822	14.234	-0.704
11.838	0.292	11.845	0.264	11.853	0.140	11.862	0.146	14.247	-0.565	14.267	-0.474	14.282	-0.363	14.296	-0.266
11.875	-0.096	11.882	-0.096	11.891	-0.200	11.903	-0.022	14.306	-0.652	14.320	0.246	14.333	0.557	14.346	0.784
11.916	0.143	11.925	0.122	11.934	0.529	11.942	0.232	14.364	0.938	14.383	1.139	14.395	1.229	14.414	1.423
11.951	0.652	11.960	1.156	11.967	1.411	11.974	1.134	14.430	1.596	14.445	1.680	14.455	1.625	14.466	1.598
11.981	1.389	11.984	1.348	11.995	1.665	12.002	1.437	14.481	1.453	14.495	1.323	14.509	1.165	14.524	0.972
12.005	1.582	12.011	1.755	12.019	1.478	12.024	1.568	14.538	0.766	14.550	0.425	14.562	0.353	14.570	0.180
12.033	1.292	12.040	1.526	12.053	0.650	12.058	0.712	14.579	-0.012	14.585	-0.088	14.602	-0.191	14.609	-0.142
12.066	0.463	12.073	0.353	12.078	0.132	12.080	-0.041	14.625	-0.045	14.639	-0.154	14.652	-0.064	14.664	0.020
12.084	-0.200	12.091	-0.248	12.099	-0.524	12.108	-0.779	14.676	-0.076	14.689	0.000	14.701	0.035	14.714	-0.074
12.119	-0.752	12.129	-0.876	12.138	-0.820	12.153	-0.737	14.727	-0.060	14.737	-0.073	14.749	-0.190	14.764	-0.348
12.161	-0.813	12.169	-0.765	12.177	-0.930	12.185	-1.027	14.780	-0.492	14.792	-0.644	14.806	-0.733	14.819	-0.705
12.194	-1.593	12.204	-1.496	12.225	-3.062	12.234	-2.752	14.829	-0.670	14.844	-0.690	14.853	-0.600	14.865	-0.489
12.248	-2.462	12.259	-2.496	12.268	-1.999	12.282	-1.675	14.881	-0.405	14.894	-0.218	14.903	-0.087	14.912	-0.017
12.292	-1.157	12.307	-0.543	12.325	-0.012	12.336	0.016	14.920	-0.038	14.928	0.004	14.935	-0.044	14.948	-0.002

14.957	-0.084	14.567	-0.070	14.577	-0.146	14.986	-0.118	18.305	0.414	18.320	0.314	18.334	0.271	18.349	0.168
14.956	-0.186	15.003	-0.179	15.015	-0.220	15.029	-0.185	18.310	0.100	18.350	0.131	18.356	0.135	18.405	0.267
15.044	-0.143	15.054	-0.039	15.065	0.031	15.077	0.163	18.412	0.100	18.421	-0.036	18.430	0.156	18.435	0.117
15.094	0.246	15.109	0.295	15.120	0.358	15.129	0.324	18.450	0.104	18.464	0.215	18.483	0.209	18.499	0.293
15.137	0.165	15.146	0.041	15.159	-0.006	15.170	-0.130	18.512	0.157	18.528	0.235	18.541	0.177	18.555	0.282
15.183	-0.350	15.200	-0.577	15.216	-0.708	15.231	-0.818	18.569	0.221	18.582	0.325	18.594	0.312	18.607	0.361
15.246	-0.838	15.260	-0.830	15.268	-0.802	15.279	-0.829	18.621	0.255	18.635	0.225	18.647	0.185	18.662	0.034
15.243	-0.858	15.304	-0.939	15.320	-0.910	15.337	-0.827	18.676	-0.117	18.685	-0.155	18.697	-0.371	18.712	-0.508
15.349	-0.716	15.357	-0.605	15.366	-0.563	15.380	-0.591	18.732	-0.479	18.745	-0.340	18.759	-0.277	18.768	-0.235
15.357	-0.618	15.410	-0.672	15.422	-0.713	15.432	-0.679	18.760	-0.138	18.791	-0.158	18.802	-0.150	18.819	-0.287
15.445	-0.533	15.467	-0.251	15.482	-0.042	15.497	0.228	18.834	-0.424	18.847	-0.562	18.857	-0.720	18.871	-0.774
15.511	0.457	15.520	0.712	15.534	0.781	15.547	0.802	18.884	-0.725	18.900	-0.482	18.914	-0.295	18.928	-0.205
15.558	0.755	15.569	0.589	15.589	0.245	15.600	0.667	18.937	-0.135	18.947	-0.079	18.959	0.011	18.976	0.060
15.612	-0.057	15.623	-0.119	15.634	-0.077	15.644	0.007	18.985	0.046	19.000	0.068	19.019	0.068	19.031	-0.008
15.657	0.063	15.673	0.063	15.694	0.002	15.705	-0.114	19.046	-0.048	19.062	0.007	19.076	0.104	19.095	0.195
15.715	-0.211	15.728	-0.424	15.742	-0.720	15.756	-0.871	19.110	0.223	19.126	0.182	19.147	0.058	19.163	-0.038
15.771	-1.022	15.783	-1.159	15.793	-1.200	15.808	-1.165	19.181	-0.085	19.197	-0.037	19.211	0.067	19.231	0.192
15.824	-0.039	15.842	-0.852	15.853	-0.741	15.872	-0.664	19.249	0.282	19.261	0.256	19.269	0.379	19.281	0.414
15.853	-0.635	15.914	-0.634	15.937	-0.618	15.957	-0.534	19.258	0.354	19.316	0.277	19.329	0.160	19.341	0.140
15.976	-0.382	15.997	-0.097	16.017	0.193	16.035	0.401	19.356	0.071	19.373	0.072	19.383	0.066	19.394	0.059
16.032	0.575	16.074	0.631	16.095	0.632	16.120	0.656	19.407	0.101	19.417	0.060	19.426	0.089	19.435	0.074
16.140	0.766	16.158	0.739	16.170	0.781	16.184	0.803	19.446	0.082	19.455	0.061	19.466	0.089	19.488	0.083
16.193	0.755	16.207	0.618	16.223	0.536	16.234	0.588	19.505	0.043	19.521	0.012	19.537	-0.025	19.557	0.024
16.250	0.531	16.264	0.608	16.275	0.636	16.290	0.588	19.576	0.101	19.591	0.143	19.605	0.158	19.620	0.124
16.305	0.438	16.323	0.225	16.342	-0.002	16.359	-0.167	19.640	0.056	19.660	0.037	19.673	0.017	19.691	0.121
16.376	-0.400	16.391	-0.592	16.404	-0.702	16.422	-0.756	19.706	-0.023	19.719	-0.032	19.735	-0.173	19.750	-0.242
16.441	-0.714	16.455	-0.556	16.471	-0.415	16.490	-0.214	19.763	-0.351	19.780	-0.330	19.796	-0.328	19.812	-0.245
16.505	-0.096	16.528	-0.032	16.541	-0.094	16.563	-0.224	19.831	-0.216	19.854	-0.125	19.875	0.008	19.898	0.120
16.583	-0.271	16.599	-0.222	16.614	-0.042	16.627	0.144	19.920	0.169	19.937	0.150	19.956	0.103	19.984	0.104
16.641	0.304	16.655	0.504	16.672	0.677	16.688	0.823	20.000	0.140	20.018	0.120	20.044	0.122	20.066	0.068
16.700	0.499	16.717	0.203	16.736	-0.213	16.749	-0.473	20.067	-0.076	20.110	-0.233	20.132	-0.328	20.153	-0.272
16.757	-0.521	16.766	-0.479	16.780	-0.315	16.795	-0.237	20.167	-0.258	20.184	-0.238	20.208	-0.428	20.230	-0.517
16.808	-0.023	16.820	-0.219	16.834	0.275	16.847	0.386	20.250	-0.627	20.275	-0.653	20.293	-0.654	20.318	-0.666
16.860	0.441	16.874	0.407	16.894	0.256	16.908	0.028	20.323	-0.576	20.344	-0.508	20.364	-0.381	20.384	-0.373
16.924	-0.185	16.940	-0.288	16.952	-0.253	16.967	-0.108	20.400	-0.276	20.419	-0.130	20.432	-0.026	20.448	0.196
16.985	0.141	17.007	0.383	17.020	0.487	17.036	0.550	20.466	0.383	20.484	0.549	20.503	0.674	20.518	0.709
17.052	0.530	17.059	0.454	17.067	0.323	17.074	0.317	20.538	0.665	20.560	0.718	20.577	0.677	20.602	0.575
17.084	0.220	17.095	0.241	17.106	0.152	17.119	0.153	20.618	0.473	20.630	0.377	20.643	0.336	20.657	0.317
17.138	0.133	17.147	0.091	17.158	0.133	17.169	0.147	20.679	0.194	20.699	0.181	20.719	0.086	20.740	0.032
17.180	0.231	17.193	0.238	17.206	0.321	17.224	0.274	20.758	-0.126	20.774	-0.311	20.795	-0.358	20.810	-0.730
17.242	0.150	17.260	0.158	17.274	0.192	17.293	0.193	20.824	-0.833	20.849	-0.859	20.865	-0.857	20.887	-0.842
17.310	0.159	17.327	0.256	17.339	0.071	17.354	0.195	20.858	-0.828	20.913	-0.827	20.928	-0.857	20.938	-0.846
17.376	0.210	17.392	0.238	17.410	0.205	17.430	0.178	20.954	-0.569	20.966	-0.520	20.979	-0.409	21.000	-0.284
17.452	0.303	17.465	0.317	17.479	0.401	17.500	0.367	21.021	-0.187	21.042	-0.062	21.053	-0.047	21.066	-0.081
17.511	0.278	17.522	0.216	17.537	0.038	17.558	-0.100	21.077	-0.012	21.087	0.030	21.101	0.058	21.115	0.183
17.580	-0.188	17.594	-0.146	17.616	-0.111	17.640	-0.055	21.127	0.349	21.145	0.550	21.163	0.655	21.179	0.752
17.658	-0.074	17.682	-0.060	17.693	-0.045	17.709	-0.072	21.196	0.787	21.212	0.859	21.230	0.782	21.248	0.720
17.729	-0.051	17.748	-0.084	17.769	-0.021	17.782	0.090	21.268	0.680	21.282	0.645	21.305	0.592	21.325	0.551
17.755	0.125	17.813	0.058	17.828	0.078	17.850	0.030	21.343	0.455	21.361	0.358	21.375	0.312	21.392	-0.081
17.870	-0.017	17.897	-0.078	17.916	-0.188	17.937	-0.311	21.404	-0.253	21.421	-0.376	21.436	-0.514	21.459	-0.623
17.945	-0.366	17.965	-0.323	17.987	-0.371	18.010	-0.384	21.484	-0.739	21.507	-0.821	21.523	-0.865	21.537	-0.875
18.026	-0.473	18.043	-0.520	18.058	-0.478	18.077	-0.374	21.484	-0.739	21.507	-0.821	21.523	-0.865	21.537	-0.875
18.057	-0.270	18.115	-0.221	18.132	-0.247	18.168	-0.281	21.623	-0.854	21.637	-0.805	21.656	-0.770	21.665	-0.694
18.159	-0.295	18.170	-0.267	18.182	-0.301	18.196	-0.266	21.623	-0.854	21.637	-0.805	21.656	-0.770	21.665	-0.694
18.204	-0.265	18.213	-0.210	18.221	-0.210	18.231	-0.113	21.696	0.215	21.714	0.353	21.726	0.517	21.736	0.683
18.242	-0.036	18.259	0.137	18.278	0.289	18.292	0.366	21.745	0.746	21.756	0.884	21.764	0.760	21.772	0.829
								21.785	0.836	21.802	0.961	21.814	1.099	21.829	1.245

21.838	1.369	21.849	1.418	21.860	1.425	21.871	1.391	26.006	-0.188	26.023	-0.125	26.046	-0.110	26.072	-0.067
21.882	1.301	21.895	1.205	21.907	1.033	21.920	0.867	26.100	-0.011	26.115	0.073	26.141	0.178	26.164	0.283
21.935	0.661	21.946	0.509	21.953	0.420	21.970	0.317	26.188	0.340	26.207	0.348	26.227	0.322	26.241	0.295
21.985	0.214	22.006	0.104	22.026	-0.033	22.045	-0.211	26.254	0.268	26.271	0.318	26.296	0.361	26.318	0.397
22.060	-0.590	22.072	-0.610	22.087	-0.796	22.104	-1.009	26.339	0.364	26.358	0.275	26.377	0.380	26.398	0.071
22.121	-1.188	22.134	-1.264	22.150	-1.304	22.163	-1.276	26.422	-0.052	26.442	-0.168	26.465	-0.277	26.491	-0.372
22.179	-1.192	22.193	-1.068	22.209	-0.915	22.229	-0.769	26.515	-0.432	26.532	-0.445	26.556	-0.430	26.579	-0.429
22.246	-0.617	22.266	-0.471	22.284	-0.318	22.305	-0.124	26.602	-0.442	26.623	-0.434	26.646	-0.371	26.664	-0.301
22.326	0.070	22.345	0.216	22.367	0.334	22.387	0.486	26.683	-0.239	26.701	-0.169	26.725	-0.009	26.744	0.109
22.405	0.639	22.428	0.743	22.447	0.854	22.465	0.951	26.762	0.192	26.787	0.221	26.817	0.236	26.826	0.300
22.483	0.897	22.504	0.863	22.522	0.774	22.543	0.685	26.849	0.343	26.868	0.338	26.889	0.319	26.911	0.321
22.555	0.582	22.568	0.410	22.582	0.231	22.598	0.073	26.927	0.299	26.942	0.254	26.958	0.193	26.967	0.160
22.619	-0.071	22.635	-0.194	22.655	-0.263	22.678	-0.386	26.980	0.119	26.990	0.092	27.004	0.024	27.015	-0.016
22.700	-0.502	22.714	-0.619	22.737	-0.825	22.758	-0.976	27.026	-0.098	27.037	-0.145	27.046	-0.166	27.057	-0.247
22.773	-1.106	22.790	-1.147	22.811	-1.132	22.828	-0.994	27.068	-0.273	27.079	-0.252	27.093	-0.297	27.108	-0.260
22.848	-0.765	22.868	-0.578	22.887	-0.377	22.906	-0.176	27.126	-0.251	27.138	-0.251	27.148	-0.224	27.165	-0.220
22.928	0.004	22.950	0.143	22.969	0.282	22.982	0.462	27.179	-0.232	27.189	-0.232	27.204	-0.244	27.213	-0.265
22.993	0.566	23.005	0.601	23.020	0.774	23.036	0.899	27.223	-0.257	27.236	-0.229	27.247	-0.208	27.261	-0.174
23.073	0.892	23.073	0.810	23.092	0.666	23.107	0.611	27.272	-0.126	27.284	-0.056	27.299	-0.007	27.313	0.085
23.128	0.529	23.150	0.495	23.168	0.427	23.186	0.372	27.324	0.149	27.343	0.205	27.349	0.247	27.363	0.269
23.200	0.249	23.220	0.064	23.242	-0.115	23.260	-0.294	27.376	0.283	27.391	0.251	27.402	0.293	27.415	0.273
23.276	-0.521	23.295	-0.700	23.310	-0.837	23.320	-0.940	27.426	0.253	27.442	0.219	27.451	0.185	27.465	0.156
23.332	-0.567	23.348	-0.939	23.367	-0.848	23.390	-0.730	27.480	0.142	27.500	0.141	27.512	0.127	27.532	0.113
23.414	-0.576	23.435	-0.437	23.455	-0.339	23.476	-0.248	27.549	0.114	27.567	0.094	27.582	0.082	27.602	0.056
23.505	-0.136	23.525	-0.024	23.538	0.053	23.558	0.268	27.613	0.029	27.632	-0.054	27.642	-0.051	27.651	-0.009
23.577	0.490	23.596	0.643	23.605	0.733	23.621	0.803	27.668	0.033	27.682	0.047	27.699	0.047	27.714	0.054
23.632	0.818	23.650	0.909	23.661	0.862	23.681	0.858	27.732	0.083	27.747	0.056	27.761	0.009	27.779	0.038
23.699	0.794	23.720	0.713	23.741	0.583	23.761	0.453	27.792	-0.024	27.807	0.011	27.822	0.066	27.840	0.114
23.760	0.330	23.799	0.200	23.818	0.049	23.838	-0.061	27.855	0.128	27.871	0.143	27.889	0.145	27.908	0.105
23.864	-0.170	23.886	-0.244	23.905	-0.368	23.919	-0.526	27.920	0.058	27.934	0.010	27.952	0.051	27.958	-0.051
23.936	-0.683	23.955	-0.772	23.967	-0.806	23.982	-0.764	27.975	0.006	27.991	0.068	28.010	0.111	28.029	0.112
24.005	-0.659	24.026	-0.540	24.048	-0.435	24.073	-0.351	28.051	0.065	28.071	0.010	28.091	0.057	28.113	-0.146
24.098	-0.294	24.120	-0.286	24.144	-0.258	24.165	-0.255	28.137	-0.165	28.159	-0.151	28.178	-0.204	28.192	-0.155
24.190	-0.109	24.204	0.023	24.217	0.155	24.234	0.170	28.216	-0.176	28.240	-0.182	28.270	-0.223	28.287	-0.244
24.252	0.365	24.273	0.484	24.289	0.540	24.306	0.562	28.313	-0.278	28.327	-0.255	28.340	-0.236	28.357	-0.153
24.323	0.528	24.342	0.481	24.360	0.407	24.377	0.346	28.379	-0.070	28.403	0.027	28.425	0.117	28.436	0.138
24.399	0.313	24.417	0.328	24.439	0.357	24.460	0.338	28.450	0.146	28.470	0.126	28.485	0.099	28.513	0.071
24.479	0.263	24.499	0.175	24.522	0.080	24.548	-0.008	28.534	0.072	28.552	0.059	28.581	0.066	28.599	0.074
24.568	-0.090	24.591	-0.179	24.616	-0.198	24.632	-0.266	28.613	0.122	28.635	0.157	28.652	0.130	28.670	0.075
24.652	-0.403	24.671	-0.520	24.683	-0.581	24.695	-0.615	28.690	0.034	28.712	-0.000	28.728	0.014	28.749	0.035
24.710	-0.573	24.725	-0.510	24.740	-0.468	24.754	-0.357	28.712	0.051	28.789	0.132	28.808	0.140	28.823	0.147
24.777	-0.232	24.789	-0.135	24.806	-0.003	24.828	0.067	28.842	0.134	28.856	0.079	28.874	0.018	28.894	-0.051
24.846	0.109	24.865	0.137	24.884	0.248	24.903	0.380	28.915	-0.098	28.927	-0.139	28.945	-0.160	28.962	-0.111
24.918	0.505	24.927	0.581	24.948	0.671	24.964	0.720	28.975	-0.048	28.990	0.014	29.008	0.029	29.028	-0.019
24.985	0.680	25.006	0.646	25.025	0.537	25.047	0.420	29.051	-0.051	29.074	0.168	29.092	-0.271	29.112	-0.277
25.071	0.270	25.095	0.146	25.121	0.030	25.147	-0.107	29.122	-0.270	29.138	-0.235	29.162	-0.165	29.181	-0.095
25.175	-0.271	25.199	-0.450	25.222	-0.513	25.244	-0.655	29.260	-0.032	29.220	0.018	29.242	0.032	29.265	0.047
25.266	-0.655	25.288	-0.666	25.311	-0.610	25.337	-0.568	29.287	0.089	29.309	0.138	29.332	0.152	29.352	0.180
25.361	-0.518	25.388	-0.448	25.416	-0.371	25.434	-0.308	29.372	0.195	29.396	0.175	29.418	0.175	29.439	0.149
25.453	-0.183	25.476	0.011	25.497	0.199	25.514	0.351	29.456	0.101	29.478	0.066	29.495	0.060	29.514	0.026
25.524	0.421	25.543	0.470	25.564	0.450	25.582	0.389	29.532	-0.023	29.547	-0.105	29.564	-0.195	29.583	-0.284
25.597	0.369	25.614	0.404	25.635	0.426	25.657	0.468	29.595	-0.325	29.614	-0.304	29.634	-0.256	29.651	-0.193
25.675	0.434	25.695	0.332	25.715	0.167	25.730	0.016	29.670	-0.670	29.690	-0.200	29.717	-0.227	29.747	-0.233
25.750	-0.129	25.769	-0.225	25.787	-0.252	25.807	-0.244	29.772	-0.158	29.784	-0.156	29.799	-0.087	29.813	-0.017
25.829	-0.236	25.853	-0.263	25.882	-0.310	25.907	-0.379	29.833	0.032	29.859	0.060	29.882	0.088	29.892	0.136
25.934	-0.433	25.953	-0.453	25.967	-0.404	25.986	-0.292	29.907	0.171	29.927	0.233	29.939	0.289	29.945	0.309

29.970	0.302	29.987	0.302	30.007	0.337	30.030	0.385	34.641	-0.015	34.658	-0.070	34.679	-0.118	34.698	-0.110
30.043	0.433	30.053	0.468	30.062	0.454	30.079	0.427	34.711	-0.048	34.733	-0.029	34.752	-0.016	34.769	-0.053
30.099	0.392	30.124	0.365	30.146	0.324	30.162	0.269	34.799	-0.121	34.825	-0.143	34.841	-0.023	34.857	-0.237
30.184	0.221	30.213	0.221	30.240	0.209	30.259	0.140	34.870	-0.189	34.898	-0.092	34.923	-0.060	34.938	-0.136
30.278	0.058	30.297	-0.051	30.318	-0.140	30.350	-0.222	34.949	-0.198	34.956	-0.158	34.972	-0.157	34.991	-0.075
30.376	-0.262	30.406	-0.323	30.427	-0.378	30.455	-0.418	35.009	-0.029	35.025	-0.105	35.040	-0.139	35.053	-0.132
30.488	-0.472	30.512	-0.513	30.527	-0.506	30.541	-0.464	35.072	-0.035	35.080	0.068	35.102	0.283	35.112	-0.338
30.561	-0.367	30.580	-0.208	30.598	-0.090	30.619	0.048	35.123	0.393	35.129	0.407	35.145	0.393	35.153	0.359
30.640	0.159	30.656	0.229	30.676	0.271	30.688	0.257	35.161	0.325	35.182	0.325	35.199	0.298	35.211	0.264
30.714	0.265	30.733	0.293	30.750	0.355	30.758	0.411	35.224	0.230	35.240	0.189	35.249	0.175	35.272	0.210
30.768	0.425	30.790	0.432	30.809	0.439	30.835	0.460	35.278	0.224	35.285	0.204	35.315	0.177	35.338	-0.122
30.856	0.447	30.872	0.357	30.890	0.254	30.912	0.123	35.355	0.026	35.373	-0.049	35.387	-0.138	35.398	-0.193
30.941	0.006	30.969	-0.062	30.986	-0.159	31.004	-0.138	35.411	-0.241	35.424	-0.185	35.430	-0.151	35.446	-0.130
31.034	-0.158	31.048	-0.213	31.074	-0.301	31.097	-0.376	35.459	-0.122	35.473	-0.143	35.495	-0.204	35.516	-0.279
31.117	-0.396	31.135	-0.403	31.158	-0.381	31.181	-0.338	35.534	-0.341	35.545	-0.361	35.560	-0.313	35.578	-0.154
31.202	-0.234	31.221	-0.171	31.243	-0.108	31.265	-0.079	35.589	-0.050	35.598	0.075	35.609	0.185	35.619	0.247
31.290	-0.064	31.310	-0.049	31.324	0.027	31.342	0.131	35.637	0.324	35.641	0.303	35.655	0.262	35.678	0.159
31.364	0.250	31.384	0.306	31.402	0.362	31.422	0.342	35.700	0.132	35.712	0.051	35.728	0.077	35.741	0.147
31.447	0.281	31.466	0.226	31.491	0.200	31.521	0.138	35.755	0.155	35.769	0.223	35.779	0.258	35.788	0.251
31.543	0.105	31.562	0.167	31.589	0.161	31.610	0.100	35.803	-0.196	35.817	0.155	35.830	0.073	35.848	0.011
31.623	0.045	31.647	-0.003	31.662	-0.030	31.683	-0.106	35.866	-0.064	35.885	-0.125	35.904	-0.125	35.921	-0.104
31.703	-0.196	31.726	-0.278	31.746	-0.312	31.761	-0.340	35.934	-0.041	35.945	-0.020	35.957	0.001	35.970	-0.040
31.782	-0.360	31.800	-0.402	31.812	-0.408	31.831	-0.367	35.986	-0.081	36.005	-0.052	36.016	-0.300	36.032	-0.368
31.850	-0.277	31.872	-0.180	31.883	-0.125	31.897	-0.132	36.040	-0.437	36.052	-0.464	36.055	-0.485	36.072	-0.436
31.913	-0.637	31.934	-0.055	31.954	-0.069	31.982	-0.082	36.083	-0.352	36.094	-0.248	36.118	-0.130	36.137	-0.060
31.998	-0.013	32.016	0.097	32.036	0.209	32.059	0.334	36.149	-0.016	36.162	-0.058	36.174	-0.058	36.190	0.024
32.074	0.390	32.088	0.439	32.101	0.467	32.120	0.461	36.204	-0.059	36.214	-0.057	36.234	-0.044	36.242	-0.002
32.140	0.420	32.162	0.317	32.188	0.243	32.216	0.182	36.261	0.108	36.272	0.164	36.285	0.247	36.291	0.295
32.243	-0.093	32.269	-0.032	32.302	-0.077	32.321	-0.152	36.299	0.337	36.310	0.385	36.325	0.392	36.339	0.413
32.338	-0.234	32.356	-0.276	32.379	-0.262	32.395	-0.214	36.349	0.392	36.362	0.330	36.373	0.302	36.385	0.247
32.417	-0.207	32.446	-0.220	32.472	-0.283	32.497	-0.310	36.400	0.233	36.407	0.165	36.428	0.157	36.445	0.157
32.521	-0.276	32.546	-0.158	32.576	-0.013	32.598	0.118	36.466	0.056	36.479	0.117	36.495	0.089	36.510	0.062
32.613	0.173	32.627	0.138	32.637	0.180	32.652	0.221	36.531	0.028	36.546	-0.013	36.563	-0.068	36.580	-0.088
32.679	0.214	32.704	0.159	32.727	0.112	32.749	0.105	36.605	-0.122	36.627	-0.142	36.642	-0.134	36.658	-0.140
32.773	0.119	32.799	0.127	32.826	0.107	32.849	0.066	36.680	-0.160	36.696	-0.118	36.711	-0.125	36.725	-0.145
32.880	-0.051	32.913	-0.120	32.947	-0.133	32.977	-0.104	36.743	-0.172	36.754	-0.172	36.773	-0.096	36.792	-0.068
32.956	-0.097	33.027	-0.145	33.067	-0.151	33.105	-0.137	36.803	-0.027	36.815	-0.013	36.829	-0.019	36.846	-0.033
33.150	-0.053	33.173	-0.032	33.198	-0.017	33.227	-0.003	36.864	-0.053	36.885	-0.088	36.899	-0.060	36.911	-0.066
33.248	0.032	33.275	0.081	33.256	0.067	33.311	0.038	36.921	-0.101	36.934	-0.128	36.950	-0.107	36.964	-0.045
33.320	0.109	33.334	0.116	33.355	0.082	33.378	0.055	36.987	-0.003	37.004	0.053	37.024	0.088	37.043	0.123
33.399	0.000	33.418	0.008	33.448	-0.019	33.478	-0.026	37.069	0.151	37.091	0.173	37.116	0.187	37.140	0.181
33.505	-0.046	33.522	-0.073	33.550	-0.093	33.569	-0.086	37.154	-0.147	37.172	-0.079	37.184	0.038	37.202	0.064
33.600	-0.085	33.620	-0.064	33.626	-0.030	33.640	0.019	37.221	-0.009	37.240	-0.029	37.262	-0.084	37.275	-0.111
33.657	0.088	33.670	0.116	33.683	0.116	33.701	0.124	37.254	-0.139	37.315	-0.175	37.334	-0.227	37.343	-0.282
33.733	0.138	33.759	0.132	33.772	0.247	33.784	0.112	37.369	-0.247	37.384	-0.191	37.402	-0.128	37.421	-0.037
33.801	0.085	33.815	0.037	33.828	-0.010	33.839	-0.051	37.442	-0.009	37.456	0.033	37.477	0.027	37.496	0.034
33.862	-0.016	33.883	0.006	33.905	0.013	33.930	0.014	37.515	0.083	37.535	0.153	37.560	0.189	37.574	0.238
33.947	0.077	33.961	0.071	33.982	0.058	34.002	0.038	37.591	0.252	37.610	0.252	37.624	0.197	37.647	0.129
34.017	0.032	34.044	0.075	34.056	0.082	34.075	0.035	37.671	0.074	37.716	0.032	37.716	0.047	37.739	0.033
34.090	-0.006	34.104	-0.040	34.117	-0.067	34.141	-0.052	37.756	0.040	37.774	0.019	37.794	-0.091	37.815	-0.119
34.162	-0.024	34.177	0.004	34.195	0.005	34.212	-0.016	37.836	-0.174	37.857	-0.181	37.878	-0.153	37.901	-0.119
34.225	-0.015	34.255	-0.014	34.280	-0.034	34.297	-0.061	37.920	-0.070	37.940	-0.043	37.959	-0.026	37.975	-0.033
34.320	-0.081	34.333	-0.033	34.353	0.009	34.371	0.010	37.994	-0.022	38.017	-0.043	38.037	-0.043	38.057	-0.022
34.398	0.018	34.426	0.046	34.444	0.088	34.461	0.109	38.067	0.019	38.097	0.027	38.114	0.047	38.136	0.041
34.483	0.117	34.510	0.097	34.529	0.091	34.553	0.078	38.158	0.027	38.178	0.021	38.205	0.028	38.233	0.035
34.572	0.093	34.587	0.169	34.602	0.149	34.621	0.060	38.250	0.036	38.274	-0.012	38.295	-0.039	38.315	-0.080

38.329	-0.066	38.348	-0.052	38.360	0.018	38.375	C.080
38.394	0.149	38.406	0.177	38.427	0.184	38.444	0.150
38.468	0.081	38.487	0.067	38.519	0.040	38.542	0.033
38.569	0.026	38.587	0.033	38.605	0.033	38.632	0.012
38.659	-0.029	38.689	-0.070	38.719	-0.077	38.746	-0.070
38.776	-0.076	38.815	-0.069	38.844	-0.048	38.866	-0.027
38.882	C.064	38.916	0.057	38.944	0.079	38.960	0.114
38.976	0.114	39.007	0.114	39.035	0.094	39.056	0.087
39.074	0.088	39.102	0.088	39.123	0.088	39.145	0.075
39.161	0.040	39.171	-0.008	39.185	-0.035	39.205	-0.056
39.224	-0.035	39.246	0.007	39.265	0.035	39.291	0.049
39.332	0.064	39.363	0.045	39.388	0.039	39.407	0.005
39.429	-0.029	39.448	-0.056	39.475	-0.041	39.503	-0.019
39.524	-0.004	39.550	-0.010	39.574	-0.030	39.597	-0.049
39.622	-0.103	39.634	-0.103	39.653	-0.040	39.676	C.044
39.691	0.107	39.705	0.142	39.718	0.156	39.733	0.136
39.750	0.040	39.772	-0.062	39.788	-0.110	39.803	-0.116
39.821	-0.130	39.834	-0.088	39.855	0.016	39.872	0.059
39.864	0.080	39.903	0.052	39.924	-0.016	39.950	-0.099
39.974	-0.099	39.997	-0.091	40.027	-0.050	40.048	-0.029
40.068	-0.015	40.096	-0.050	40.118	-0.105	40.155	-0.119
40.190	-0.077	40.212	-0.035	40.222	-0.021	40.249	-0.000
40.281	0.049	40.304	0.090	40.336	0.118	40.365	0.188
40.382	0.216	40.397	0.243	40.448	0.161		

3510 POINTS 40.390 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMCCTED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1537 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.044	0.009	0.014	0.015	0.106	0.022	C-150	1.289	0.073	1.300	0.046	1.304	C-025	1.315	-0.045
0.028	0.185	0.040	0.221	0.049	0.225	0.055	0.221	1.321	-0.085	1.329	-0.111	1.336	-0.107	1.342	-0.089
0.064	0.177	0.072	0.108	0.079	0.038	0.086	-0.046	1.357	-0.067	1.363	-0.049	1.370	C-041	1.382	-0.040
0.093	-0.120	0.100	-0.172	0.108	-0.216	0.116	-0.233	1.392	-0.035	1.395	-0.018	1.407	0.018	1.412	0.040
0.128	-0.215	0.139	-0.166	0.149	-0.117	0.160	-0.056	1.417	C-045	1.424	-0.036	1.433	-0.007	1.440	-0.025
0.166	-0.020	0.172	-0.007	0.179	-0.041	0.187	-0.041	1.453	-0.033	1.453	-0.024	1.467	0.015	1.477	-0.006
0.198	-0.049	0.203	-0.036	0.209	0.021	0.214	0.070	1.486	C-012	1.492	0.047	1.499	0.065	1.506	C-078
0.221	0.131	0.229	0.184	0.234	0.207	0.242	0.181	1.512	C-078	1.523	0.070	1.533	C-039	1.541	0.004
0.253	0.133	0.260	0.081	0.264	0.063	0.271	0.037	1.546	-0.027	1.556	-0.048	1.562	C-070	1.570	-0.111
0.281	0.060	0.289	0.091	0.296	0.100	0.299	0.052	1.576	C-162	1.582	C-026	1.583	0.206	1.590	-0.219
0.311	0.044	0.317	-0.013	0.325	-0.043	0.332	-0.085	1.599	-0.201	1.603	-0.153	1.608	-0.083	1.613	-0.009
0.343	-0.073	0.354	-0.072	0.365	-0.054	0.372	-0.050	1.621	-0.061	1.628	0.114	1.627	0.136	1.634	C-153
0.380	-0.062	0.388	-0.093	0.395	-0.141	0.400	-0.167	1.641	C-140	1.646	0.109	1.653	0.039	1.659	-0.027
0.407	-0.175	0.416	-0.157	0.428	-0.108	0.440	-0.055	1.662	-0.053	1.669	-0.085	1.675	-0.102	1.687	-0.089
0.448	0.010	0.455	0.054	0.461	0.081	0.472	0.107	1.695	-0.059	1.703	-0.032	1.709	0.011	1.716	C-037
0.482	C-090	0.487	0.055	0.497	0.020	0.508	-0.006	1.722	C-059	1.726	0.055	1.733	C-054	1.742	C-023
0.516	-0.024	0.523	-0.033	0.533	-0.011	0.537	0.002	1.747	0.005	1.757	-0.021	1.764	-0.035	1.773	-0.035
0.546	0.016	0.554	-0.011	0.562	-0.063	0.568	-0.103	1.780	-0.035	1.788	-0.027	1.796	C-032	1.804	-0.058
0.576	-0.133	0.583	-0.103	0.592	-0.068	0.600	-0.046	1.809	-0.089	1.815	-0.107	1.823	C-120	1.839	-0.112
0.611	-0.011	0.618	0.024	0.622	0.064	0.626	0.055	1.834	-0.094	1.839	-0.081	1.847	-0.058	1.855	-0.129
0.630	0.117	0.636	0.121	0.643	0.108	0.652	0.056	1.858	-0.138	1.865	-0.151	1.872	-0.107	1.878	-0.068
0.663	-0.019	0.673	-0.054	0.680	-0.058	0.690	0.014	1.884	-0.011	1.888	C-038	1.896	C-081	1.900	C-112
0.701	0.003	0.710	0.210	0.716	0.298	0.727	0.329	1.909	0.134	1.914	0.143	1.923	C-130	1.929	0.103
0.733	0.317	0.745	0.212	0.757	0.103	0.767	0.020	1.933	C-066	1.940	-0.023	1.945	-0.076	1.953	-0.142
0.773	-0.094	0.778	-0.155	0.782	-0.185	0.790	-0.203	1.962	-0.176	1.969	-0.203	1.979	C-211	1.985	-0.202
0.807	-0.167	0.820	-0.097	0.826	-0.053	0.838	0.004	1.953	-0.141	2.001	-0.052	2.007	-0.066	2.018	-0.009
0.850	0.031	0.861	0.053	0.873	0.070	0.883	0.048	2.023	0.053	2.032	C-106	2.035	C-128	2.043	0.145
0.885	0.035	0.903	0.043	0.913	0.051	0.921	0.034	2.049	C-137	2.055	C-040	2.063	C-040	2.068	-0.091
0.929	-0.007	0.938	-0.064	0.945	-0.113	0.952	-0.144	2.071	-0.069	2.074	-0.051	2.080	-0.099	2.086	-0.091
0.956	-0.018	0.966	-0.018	0.972	0.065	0.977	0.146	2.095	-0.051	2.100	-0.059	2.105	-0.016	2.114	C-002
0.987	0.201	0.987	0.201	0.995	0.174	0.999	0.120	2.124	-0.007	2.131	-0.020	2.136	-0.028	2.142	0.003
1.005	0.034	1.015	-0.102	1.024	-0.212	1.035	-0.264	2.167	0.051	2.153	C-111	2.158	C-187	2.162	0.218
1.043	-0.236	1.054	-0.212	1.061	-0.155	1.072	-0.116	2.168	0.236	2.175	0.223	2.182	C-018	2.196	C-153
1.081	-0.089	1.094	-0.076	1.103	-0.072	1.113	-0.072	2.204	0.119	2.213	0.062	2.222	-0.012	2.228	-0.100
1.121	-0.054	1.128	-0.019	1.136	0.046	1.141	0.055	2.235	-0.157	2.241	-0.157	2.248	-0.192	2.255	-0.165
1.146	0.125	1.152	0.147	1.161	0.134	1.164	0.112	2.262	-0.055	2.268	0.001	2.274	C-072	2.281	C-155
1.169	0.082	1.176	0.046	1.184	0.037	1.189	0.041	2.285	C-194	2.292	0.221	2.302	C-238	2.313	C-225
1.197	0.054	1.204	0.067	1.211	0.093	1.217	0.119	2.321	C-203	2.326	C-150	2.333	C-093	2.340	-0.003
1.223	0.136	1.229	0.145	1.241	0.144	1.247	0.144	2.344	C-082	2.351	-0.121	2.361	-0.143	2.370	C-152
1.254	0.148	1.264	0.126	1.272	0.112	1.277	0.099	2.379	-0.161	2.389	-0.130	2.394	-0.010	2.397	0.115

2.404	C.207	2.408	0.278	2.417	0.313	2.426	0.264	3.898	-C.075	3.904	-0.022	3.912	C.022	3.917	C.039
2.434	0.190	2.441	0.102	2.448	0.045	2.453	0.032	3.925	0.052	3.931	0.039	3.939	0.004	3.945	-0.049
2.461	-0.010	2.467	-0.038	2.476	-0.091	2.478	-0.130	3.950	-C.057	3.954	-0.154	3.959	-0.198	3.970	-C.224
2.484	-0.156	2.488	-0.165	2.491	-0.156	2.501	-0.126	3.977	-0.172	3.984	-0.036	3.989	0.109	3.997	0.245
2.507	-0.064	2.520	0.006	2.527	0.036	2.536	0.054	4.002	0.337	4.005	0.385	4.012	0.407	4.023	0.390
2.542	0.050	2.545	0.036	2.554	0.019	2.564	0.050	4.032	0.355	4.038	0.254	4.046	0.167	4.054	-0.039
2.570	0.164	2.579	0.348	2.584	0.418	2.589	0.470	4.058	-0.210	4.065	-0.364	4.068	-0.443	4.073	-C.469
2.592	0.488	2.599	0.485	2.606	0.418	2.611	0.308	4.081	-C.504	4.088	-0.442	4.098	-C.311	4.105	-0.113
2.620	0.185	2.629	0.003	2.635	-0.157	2.643	-0.293	4.112	0.053	4.118	0.215	4.123	0.254	4.127	0.330
2.646	-0.328	2.655	-0.355	2.660	-0.338	2.671	-0.259	4.132	0.360	4.138	0.312	4.149	0.194	4.160	0.062
2.679	-0.171	2.685	-0.075	2.693	0.021	2.699	0.070	4.169	-C.060	4.174	-0.059	4.182	-C.148	4.190	-0.113
2.708	0.096	2.715	0.087	2.729	0.039	2.738	0.018	4.197	-C.007	4.202	0.059	4.209	0.107	4.216	0.133
2.748	-0.053	2.755	-0.071	2.765	-0.071	2.778	-0.045	4.223	0.142	4.231	0.129	4.236	0.142	4.244	C.156
2.786	-C.040	2.793	-C.058	2.800	-0.106	2.806	-0.146	4.251	0.147	4.262	0.125	4.270	0.047	4.276	-C.023
2.813	-0.163	2.822	-0.106	2.828	-0.032	2.834	0.004	4.281	-0.050	4.287	-0.063	4.297	-0.041	4.307	0.021
2.840	0.030	2.845	0.056	2.850	0.061	2.857	0.048	4.313	0.082	4.317	C.100	4.328	C.122	4.332	0.104
2.862	0.022	2.868	-0.031	2.874	-0.066	2.884	-0.092	4.341	-0.010	4.351	-0.189	4.358	-C.281	4.365	-0.356
2.889	-0.118	2.897	-0.153	2.902	-0.188	2.906	-0.209	4.372	-0.444	4.377	-0.474	4.382	-C.487	4.388	-C.457
2.914	-0.249	2.922	-0.248	2.930	-0.226	2.940	-0.156	4.356	-0.321	4.402	-0.176	4.411	-0.036	4.418	0.096
2.948	-0.046	2.955	0.002	2.959	0.033	2.968	0.042	4.422	0.131	4.428	0.153	4.435	C.131	4.443	C.025
2.974	0.051	2.981	0.073	2.986	0.095	2.994	0.108	4.450	-C.089	4.454	-0.146	4.459	-C.168	4.464	-0.137
3.005	C.082	3.014	0.056	3.019	0.034	3.025	-0.001	4.472	-C.041	4.480	C.043	4.484	C.073	4.495	C.100
3.030	-0.053	3.036	-0.119	3.040	-0.198	3.044	-0.263	4.503	C.130	4.505	0.156	4.518	C.301	4.525	C.360
3.048	-0.307	3.058	-0.347	3.066	-0.307	3.073	-0.237	4.533	C.410	4.535	0.384	4.549	0.237	4.556	C.077
3.081	-C.140	3.087	-0.052	3.095	0.070	3.101	0.123	4.565	-0.182	4.571	-0.331	4.577	-C.414	4.585	-C.436
3.107	0.184	3.110	0.215	3.115	0.237	3.122	0.245	4.593	-0.405	4.599	-0.309	4.613	-C.094	4.623	C.217
3.129	0.228	3.140	0.179	3.144	0.157	3.154	0.127	4.631	C.436	4.638	0.616	4.642	0.695	4.646	0.739
3.161	0.074	3.176	0.030	3.176	-0.005	3.182	0.017	4.652	C.686	4.663	0.366	4.672	-0.059	4.680	-C.368
3.188	0.096	3.193	0.161	3.197	0.192	3.200	0.205	4.685	-0.651	4.689	-0.774	4.694	-0.804	4.703	-0.743
3.213	0.161	3.222	0.051	3.222	0.051	3.228	-0.098	4.715	-0.502	4.725	-0.164	4.735	-C.024	4.740	-0.055
3.233	-C.199	3.241	-0.291	3.247	-0.326	3.251	-0.344	4.747	0.068	4.751	0.050	4.763	-C.046	4.770	-C.178
3.257	-0.322	3.264	-0.274	3.269	-0.182	3.273	0.108	4.779	-0.283	4.787	-0.301	4.794	-0.270	4.804	-0.161
3.276	-0.047	3.281	-0.020	3.290	-0.012	3.297	-0.003	4.813	-0.025	4.818	0.041	4.826	C.089	4.830	0.076
3.304	0.036	3.309	0.102	3.314	0.172	3.320	0.229	4.837	0.032	4.841	-0.034	4.848	-C.073	4.855	-0.043
3.325	0.255	3.334	0.241	3.341	0.193	3.346	0.132	4.861	0.098	4.868	0.238	4.875	C.352	4.878	0.391
3.351	0.105	3.356	0.079	3.365	0.057	3.370	0.004	4.881	0.431	4.885	C.439	4.890	C.422	4.895	0.378
3.375	-0.066	3.383	-0.119	3.386	-0.150	3.396	-0.154	4.898	0.343	4.911	0.290	4.919	0.259	4.922	0.242
3.403	-0.137	3.410	-0.141	3.422	-0.142	3.436	-0.146	4.921	C.119	4.942	-0.048	4.948	-C.122	4.957	-C.171
3.442	-0.164	3.450	-0.212	3.455	-0.269	3.460	-0.295	4.962	-0.136	4.967	-0.144	4.974	-C.162	4.977	-C.171
3.467	-0.309	3.472	-0.300	3.481	-0.252	3.489	-0.177	4.985	-0.136	4.991	-0.074	5.001	C.009	5.005	0.061
3.500	-0.133	3.505	-0.089	3.517	-0.001	3.524	0.214	5.010	0.083	5.019	0.052	5.019	C.088	5.025	0.035
3.531	0.372	3.538	0.639	3.543	0.740	3.546	0.776	5.033	-0.027	5.039	-0.066	5.048	-0.106	5.053	-0.141
3.551	0.798	3.558	0.750	3.562	0.627	3.567	0.439	5.060	-0.163	5.069	-0.110	5.076	-C.001	5.083	0.087
3.577	0.285	3.577	0.128	3.580	0.005	3.584	-0.083	5.088	0.157	5.094	0.214	5.101	C.267	5.107	0.302
3.587	-0.153	3.591	-0.210	3.596	-0.223	3.602	-0.201	5.112	C.310	5.117	0.253	5.126	0.232	5.131	0.065
3.613	-0.143	3.625	-0.077	3.634	0.010	3.639	0.094	5.137	-0.053	5.145	-0.264	5.151	-C.356	5.159	-0.391
3.644	0.195	3.652	0.248	3.653	0.269	3.658	0.287	5.165	-0.369	5.174	-0.254	5.179	-C.224	5.186	-C.110
3.662	0.283	3.670	0.186	3.678	0.033	3.684	-0.081	5.194	C.083	5.224	0.152	5.207	C.289	5.211	0.350
3.689	-0.212	3.696	-0.379	3.699	-0.422	3.704	-0.440	5.216	C.363	5.224	0.333	5.233	C.219	5.241	0.083
3.709	-0.422	3.716	-0.282	3.723	-0.023	3.731	0.205	5.249	-0.154	5.254	-0.294	5.261	-0.377	5.266	-C.399
3.735	0.337	3.740	0.398	3.743	0.455	3.750	0.490	5.271	-0.377	5.283	-0.232	5.290	-0.149	5.294	-0.114
3.755	0.468	3.762	0.393	3.774	0.195	3.786	0.011	5.300	-C.070	5.310	-0.061	5.321	C.001	5.330	0.080
3.755	-0.151	3.803	-0.301	3.811	-0.406	3.817	-0.446	5.336	C.150	5.341	0.181	5.347	C.190	5.355	C.168
3.825	-0.122	3.834	-0.451	3.842	-0.359	3.849	-0.232	5.366	C.093	5.372	0.041	5.383	-C.043	5.392	-C.064
3.854	-0.122	3.861	-0.044	3.861	-0.026	3.870	0.005	5.359	-0.042	5.403	-0.025	5.411	-C.003	5.420	-C.025
3.875	-0.013	3.880	-0.048	3.884	-0.074	3.892	-0.096	5.424	-0.047	5.429	-0.069	5.433	-0.073	5.441	-0.047

5.451	0.001	5.458	0.023	5.464	0.028	5.474	0.014	7.090	-0.154	7.097	-0.150	7.107	-0.136	7.118	-0.167
5.460	-0.003	5.492	-0.038	5.500	-0.082	5.509	-0.139	7.126	-0.158	7.133	-0.136	7.138	-0.004	7.147	-0.167
5.466	-0.179	5.521	-0.227	5.533	-0.249	5.539	-0.214	7.154	0.338	7.162	0.465	7.169	0.509	7.174	0.531
5.445	-0.113	5.550	-0.004	5.557	0.145	5.561	0.215	7.179	0.517	7.188	0.465	7.195	0.316	7.200	0.145
5.563	0.255	5.571	0.281	5.577	0.250	5.588	0.097	7.205	0.052	7.212	0.004	7.217	0.026	7.225	0.109
5.596	-0.022	5.602	-0.114	5.609	-0.206	5.615	-0.241	7.231	0.179	7.236	0.066	7.244	0.175	7.253	0.131
5.624	-0.241	5.634	-0.232	5.646	-0.236	5.653	-0.223	7.264	-0.027	7.270	-0.150	7.277	-0.202	7.281	-0.273
5.688	-0.153	5.670	-0.013	5.677	0.114	5.681	0.114	7.288	-0.312	7.295	-0.260	7.302	-0.146	7.309	-0.010
5.688	0.171	5.694	0.145	5.702	0.075	5.713	0.083	7.315	0.078	7.326	0.148	7.334	0.170	7.341	0.157
5.718	-0.250	5.724	-0.311	5.729	-0.329	5.738	-0.276	7.346	0.117	7.355	0.021	7.362	-0.023	7.367	-0.102
5.743	-0.140	5.750	-0.005	5.759	0.084	5.763	0.101	7.375	-0.181	7.381	-0.212	7.390	-0.230	7.398	-0.181
5.772	0.066	5.780	-0.048	5.786	-0.179	5.794	-0.333	7.409	-0.050	7.415	0.038	7.425	0.147	7.431	0.266
5.802	-0.377	5.815	-0.311	5.825	-0.180	5.835	-0.079	7.438	0.401	7.443	0.463	7.445	0.498	7.452	0.524
5.843	0.030	5.850	0.157	5.859	0.297	5.862	0.363	7.459	0.481	7.467	0.327	7.475	0.218	7.481	0.134
5.869	0.411	5.876	0.371	5.886	0.270	5.894	0.147	7.486	0.091	7.496	0.064	7.505	0.025	7.509	-0.006
5.903	-0.059	5.911	-0.230	5.917	-0.349	5.925	-0.393	7.517	-0.023	7.523	0.003	7.532	0.025	7.535	0.012
5.933	-0.340	5.947	-0.130	5.955	0.242	5.959	0.448	7.546	-0.062	7.557	-0.110	7.562	-0.128	7.575	-0.119
5.966	0.610	5.972	0.724	5.977	0.754	5.984	0.714	7.582	-0.145	7.587	-0.180	7.594	-0.202	7.602	-0.167
5.994	0.534	6.002	0.170	6.007	-0.018	6.013	-0.115	7.609	-0.097	7.615	-0.005	7.618	0.035	7.624	0.052
6.023	-0.164	6.030	-0.129	6.046	0.046	6.060	0.230	7.632	0.066	7.641	0.048	7.652	0.026	7.657	0.018
6.069	0.343	6.075	0.392	6.081	0.431	6.092	0.427	7.666	-0.031	7.674	-0.079	7.681	-0.206	7.687	-0.307
6.101	0.444	6.106	0.418	6.112	0.378	6.119	0.304	7.693	-0.386	7.702	-0.434	7.708	-0.407	7.717	-0.298
6.123	0.194	6.129	0.159	6.135	0.207	6.142	0.330	7.724	-0.223	7.734	-0.114	7.744	-0.009	7.751	0.075
6.147	0.435	6.151	0.479	6.158	0.514	6.166	0.461	7.756	0.110	7.762	0.136	7.770	0.114	7.780	0.022
6.175	0.303	6.183	0.185	6.189	0.049	6.197	-0.021	7.786	-0.074	7.793	-0.153	7.801	-0.179	7.815	-0.105
6.208	-0.065	6.217	-0.004	6.226	0.092	6.239	0.154	7.822	0.005	7.829	0.064	7.836	0.154	7.842	0.189
6.251	0.176	6.258	0.176	6.265	0.149	6.272	0.066	7.849	0.224	7.860	0.216	7.871	0.190	7.880	0.124
6.282	-0.136	6.290	-0.311	6.296	-0.355	6.301	-0.346	7.869	0.037	7.900	-0.077	7.910	-0.151	7.919	-0.186
6.308	-0.258	6.317	-0.175	6.324	-0.127	6.334	-0.109	7.928	-0.125	7.936	-0.002	7.942	0.134	7.949	0.235
6.346	-0.083	6.352	-0.074	6.360	-0.052	6.366	0.070	7.955	0.301	7.962	0.336	7.970	0.315	7.975	0.210
6.381	-0.083	6.391	-0.091	6.398	-0.130	6.411	-0.148	7.989	0.113	7.996	0.078	8.003	0.035	8.009	-0.036
6.419	-0.130	6.426	-0.116	6.434	-0.134	6.445	-0.190	8.015	-0.101	8.024	-0.167	8.028	-0.189	8.033	-0.162
6.453	-0.269	6.463	-0.400	6.470	-0.466	6.479	-0.523	8.039	-0.145	8.049	-0.145	8.049	-0.166	8.056	-0.219
6.487	-0.545	6.493	-0.527	6.503	-0.408	6.514	-0.167	8.060	-0.280	8.071	-0.342	8.076	-0.271	8.085	-0.166
6.522	0.118	6.531	0.329	6.537	0.513	6.540	0.566	8.093	-0.091	8.099	-0.039	8.106	-0.060	8.116	-0.122
6.545	0.601	6.553	0.566	6.559	0.439	6.567	0.242	8.121	-0.179	8.129	-0.236	8.138	-0.306	8.144	-0.258
6.573	0.010	6.579	-0.126	6.585	-0.296	6.591	-0.410	8.155	-0.245	8.165	-0.070	8.172	-0.070	8.177	-0.191
6.556	-0.445	6.602	-0.428	6.608	-0.331	6.616	-0.125	8.183	0.263	8.194	0.232	8.208	0.183	8.213	0.131
6.626	0.182	6.633	0.362	6.639	0.493	6.641	0.541	8.222	0.152	8.228	0.178	8.236	0.130	8.244	-0.028
6.646	0.590	6.652	0.555	6.656	0.458	6.663	0.287	8.251	-0.120	8.258	-0.226	8.266	-0.182	8.277	-0.069
6.667	0.046	6.676	-0.178	6.682	-0.256	6.685	-0.362	8.285	0.036	8.288	0.042	8.294	0.049	8.297	0.206
6.692	-0.371	6.700	-0.314	6.709	-0.213	6.715	-0.121	8.302	0.329	8.311	0.179	8.318	0.227	8.325	0.165
6.722	-0.086	6.727	-0.056	6.731	-0.016	6.739	0.014	8.338	0.095	8.347	-0.107	8.353	-0.182	8.364	-0.262
6.745	0.032	6.751	0.028	6.758	0.019	6.765	0.001	8.372	-0.323	8.380	-0.376	8.388	-0.294	8.394	-0.123
6.773	-0.091	6.782	-0.174	6.787	-0.249	6.791	-0.302	8.400	0.082	8.405	0.284	8.413	0.397	8.422	0.489
6.801	-0.319	6.810	-0.289	6.818	-0.184	6.822	-0.052	8.428	0.405	8.439	0.251	8.444	0.040	8.452	-0.206
6.828	0.123	6.835	0.268	6.838	0.316	6.846	0.351	8.455	-0.369	8.463	-0.417	8.469	-0.370	8.478	-0.191
6.849	0.329	6.855	0.233	6.861	0.163	6.867	0.141	8.465	-0.112	8.474	-0.056	8.501	0.027	8.512	0.092
6.873	0.132	6.878	0.150	6.886	0.216	6.891	0.277	8.517	0.021	8.526	-0.036	8.533	-0.019	8.549	0.063
6.900	0.334	6.908	0.369	6.914	0.387	6.921	0.418	8.546	0.169	8.554	0.256	8.561	0.173	8.569	0.063
6.928	0.383	6.940	0.256	6.949	0.168	6.960	0.103	8.578	-0.095	8.586	-0.236	8.596	-0.175	8.607	-0.065
6.958	-0.016	6.974	-0.129	6.980	-0.248	6.984	-0.370	8.623	0.040	8.627	0.175	8.627	0.280	8.635	0.337
6.989	-0.397	6.996	-0.375	7.005	-0.296	7.011	-0.081	8.646	0.346	8.658	0.311	8.667	0.346	8.676	0.333
7.020	0.117	7.025	0.275	7.032	0.371	7.035	0.398	8.681	0.346	8.690	0.333	8.696	0.355	8.704	0.193
7.039	0.433	7.045	0.420	7.052	0.371	7.061	0.187	8.713	0.150	8.720	0.032	8.725	-0.060	8.738	-0.042
7.067	-0.027	7.070	-0.119	7.076	-0.181	7.084	-0.220	8.745	0.037	8.748	0.102	8.757	0.147	8.765	0.116

8.776	0.015	8.782	-0.059	8.790	-0.151	8.802	-0.313	10.657	0.385	10.668	0.433	10.674	0.398	10.685	0.371
8.815	-0.449	8.821	-0.510	8.830	-0.545	8.842	-0.637	10.691	0.363	10.700	0.424	10.707	0.349	10.713	0.262
8.850	-0.628	8.861	-0.523	8.871	-0.282	8.878	-0.142	10.719	0.200	10.727	0.047	10.739	0.025	10.744	-0.015
8.884	-0.041	8.897	0.065	8.905	0.122	8.911	0.113	10.752	-0.685	10.757	0.016	10.767	0.099	10.781	0.178
8.918	0.135	8.927	0.222	8.934	0.156	8.942	0.130	10.754	0.200	10.804	0.173	10.817	0.182	10.828	0.366
8.948	0.042	8.958	-0.037	8.965	-0.007	8.980	-0.007	*10.833	0.420	10.844	0.581	10.850	0.489	10.862	0.432
8.985	-0.011	8.993	-0.042	8.992	-0.029	8.997	0.023	10.855	0.178	10.903	0.033	10.909	-0.050	10.920	-0.242
9.013	-0.038	9.024	-0.113	9.031	-0.236	9.041	-0.280	10.926	-0.343	10.933	-0.374	10.941	-0.259	10.951	-0.110
9.046	-0.184	9.052	-0.118	9.060	-0.057	9.069	-0.123	10.959	0.092	10.966	0.259	10.971	0.351	10.981	0.391
9.075	-0.185	9.091	-0.224	9.098	-0.325	9.105	-0.444	10.988	0.386	10.984	0.404	10.958	0.356	11.011	0.317
9.109	-0.519	9.116	-0.598	9.122	-0.672	9.131	-0.607	11.016	0.247	11.019	0.172	11.020	0.136	11.030	0.120
9.138	-0.454	9.147	-0.077	9.156	0.199	9.164	0.440	11.040	0.042	11.042	0.020	11.047	0.051	11.056	0.091
9.172	0.593	9.178	0.685	9.184	0.628	9.195	0.405	11.066	0.087	11.072	0.122	11.080	0.188	11.089	0.233
9.204	0.159	9.214	0.054	9.228	-0.025	9.236	-0.069	11.099	0.202	11.106	0.089	11.114	0.063	11.119	0.041
9.245	-0.034	9.254	0.058	9.263	0.085	9.270	0.120	11.127	-0.015	11.135	-0.019	11.141	-0.090	11.148	-0.173
9.274	0.085	9.279	0.037	9.290	0.023	9.297	-0.029	11.155	-0.318	11.164	-0.261	11.173	-0.160	11.178	-0.035
9.307	-0.104	9.315	-0.121	9.325	-0.227	9.337	-0.305	11.186	0.033	11.192	0.156	11.196	0.261	11.204	0.340
9.354	-0.375	9.371	-0.292	9.381	-0.086	9.390	0.107	11.213	0.371	11.223	0.353	11.229	0.309	11.236	0.191
9.395	0.212	9.403	0.278	9.412	0.199	9.422	0.064	11.242	-0.002	11.250	0.147	11.259	0.103	11.264	0.050
9.433	-0.020	9.444	-0.081	9.456	-0.098	9.470	0.151	11.276	-0.043	11.285	0.316	11.304	0.132	11.316	0.333
9.479	0.406	9.483	0.502	9.487	0.555	9.492	0.524	11.337	0.218	11.339	0.511	11.349	0.489	11.360	0.599
9.500	0.384	9.508	0.283	9.518	0.300	9.526	0.247	11.374	0.594	11.390	0.598	11.405	0.619	11.415	0.571
9.537	-0.042	9.542	-0.310	9.551	-0.454	9.562	-0.503	11.421	0.233	11.434	-0.131	11.447	-0.197	11.455	-0.110
9.569	-0.595	9.580	-0.709	9.590	-0.647	9.601	-0.388	11.465	-0.080	11.477	0.074	11.486	-0.021	11.496	0.074
9.609	-0.265	9.612	-0.208	9.619	-0.121	9.626	-0.147	11.502	0.025	11.513	-0.049	11.522	-0.111	11.534	-0.168
9.657	0.042	9.662	-0.120	9.673	-0.286	9.676	-0.352	11.544	-0.120	11.545	-0.151	11.553	-0.101	11.558	-0.146
9.687	-0.360	9.692	-0.417	9.702	-0.566	9.709	-0.653	11.563	0.016	11.570	-0.063	11.576	-0.173	11.581	-0.300
9.718	-0.657	9.728	-0.652	9.733	-0.630	9.743	-0.529	11.587	-0.247	11.592	-0.261	11.596	-0.269	11.602	-0.331
9.750	-0.370	9.761	-0.203	9.768	-0.102	9.774	-0.087	11.612	-0.204	11.624	-0.203	11.631	-0.199	11.640	-0.159
9.782	0.004	9.786	-0.018	9.794	-0.061	9.801	-0.077	11.645	-0.102	11.654	-0.023	11.665	-0.003	11.671	-0.014
9.808	-0.056	9.817	0.002	9.823	0.050	9.833	0.045	11.676	-0.041	11.682	0.093	11.686	-0.106	11.690	-0.168
9.840	-0.019	9.845	-0.042	9.853	-0.148	9.862	-0.244	11.695	-0.172	11.702	-0.141	11.705	-0.062	11.716	0.003
9.872	-0.297	9.884	-0.297	9.895	-0.315	9.901	-0.319	11.723	0.030	11.732	0.056	11.737	0.025	11.741	0.016
9.911	-0.214	9.922	-0.061	9.933	0.171	9.944	0.377	11.751	-0.076	11.755	-0.085	11.760	-0.085	11.769	-0.129
9.949	0.425	9.955	0.442	9.963	0.376	9.973	0.253	11.782	-0.089	11.792	-0.124	11.801	-0.124	11.812	-0.181
9.982	0.117	9.990	0.068	10.002	0.032	10.009	-0.056	11.818	-0.129	11.828	-0.151	11.839	-0.186	11.848	-0.112
10.018	-0.148	10.026	-0.201	10.035	-0.127	10.046	0.022	11.855	-0.077	11.875	-0.051	11.883	-0.029	11.892	0.172
10.052	0.131	10.059	0.179	10.072	0.293	10.077	0.315	11.898	0.093	11.905	0.176	11.911	0.062	11.917	0.123
10.088	0.364	10.096	0.360	10.104	0.312	10.113	0.264	11.925	0.223	11.934	0.083	11.938	-0.093	11.943	-0.194
10.125	0.295	10.136	0.278	10.148	0.247	10.156	0.182	11.947	-0.132	11.962	-0.080	11.969	-0.085	11.976	-0.204
10.163	0.112	10.171	0.059	10.181	0.016	10.188	-0.015	11.967	0.042	11.993	-0.006	12.001	-0.072	12.013	0.068
10.202	0.008	10.211	-0.231	10.218	0.280	10.224	0.223	12.018	-0.116	12.028	-0.239	12.032	-0.165	12.037	-0.217
10.234	0.017	10.241	-0.118	10.245	-0.267	10.252	-0.342	12.044	-0.283	12.056	-0.327	12.065	-0.340	12.071	-0.406
10.261	-0.245	10.269	-0.070	10.277	0.045	10.288	-0.060	12.076	-0.468	12.081	-0.476	12.087	-0.437	12.091	-0.398
10.256	0.032	10.301	0.129	10.312	0.186	10.321	0.207	12.097	-0.257	12.103	-0.213	12.111	-0.055	12.122	-0.104
10.327	0.098	10.332	-0.078	10.339	0.027	10.346	-0.104	12.131	-0.134	12.142	-0.213	12.147	-0.301	12.154	-0.331
10.353	-0.082	10.358	-0.008	10.366	0.054	10.371	0.141	12.159	-0.397	12.168	-0.572	12.178	-0.594	12.183	-0.642
10.385	-0.216	10.393	0.233	10.402	0.207	10.408	0.220	12.192	-0.599	12.206	-0.563	12.216	-0.300	12.223	-0.073
10.419	-0.140	10.427	0.092	10.437	-0.087	10.447	-0.311	12.232	0.108	12.245	0.156	12.248	0.116	12.261	0.266
10.455	-0.140	10.461	-0.267	10.468	-0.048	10.473	0.044	12.264	0.248	12.270	0.173	12.275	0.173	12.282	0.217
10.480	0.079	10.486	0.241	10.493	0.412	10.500	0.487	12.289	0.283	12.293	0.309	12.299	0.305	12.305	0.235
10.506	-0.382	10.514	0.351	10.525	0.193	10.535	-0.039	12.314	0.301	12.323	0.112	12.328	0.113	12.336	0.204
10.546	-0.215	10.552	-0.469	10.561	-0.671	10.569	-0.842	12.345	0.007	12.355	0.191	12.364	0.340	12.371	0.305
10.577	-0.855	10.583	-0.864	10.588	-0.776	10.599	-0.561	12.361	0.673	12.386	0.546	12.394	0.546	12.399	0.507
10.609	-0.241	10.618	-0.031	10.631	0.140	10.647	0.306	12.405	0.586	12.411	0.402	12.419	0.481	12.427	0.328
								12.439	-0.014	12.452	0.262	12.461	0.227	12.472	0.060

12.479	6.113	12.486	0.025	12.491	0.148	12.497	0.297	14.443	-C.199	14.456	-C.212	14.469	-C.225	14.475	-0.242
12.503	0.316	12.511	0.201	12.522	0.043	12.529	0.161	14.486	-0.259	14.502	-0.224	14.513	-0.175	14.524	-0.127
12.542	0.065	12.550	0.170	12.555	0.017	12.566	0.104	14.542	C.010	14.558	C.076	14.563	C.059	14.577	C.034
12.588	C.047	12.603	0.131	12.609	0.039	12.616	-0.084	14.589	C.165	14.600	C.182	14.611	0.157	14.620	C.174
12.622	0.047	12.630	-0.102	12.634	-0.256	12.640	-0.356	14.627	0.236	14.634	C.319	14.645	C.364	14.652	0.368
12.647	-0.238	12.656	-0.181	12.670	-0.304	12.684	-0.020	14.656	C.342	14.668	C.347	14.675	C.308	14.682	C.216
12.694	-0.265	12.701	-0.178	12.711	-0.208	12.717	-0.441	14.686	C.120	14.695	-0.003	14.702	-C.042	14.713	-0.068
12.723	-0.480	12.730	-0.673	12.736	-0.801	12.742	-0.845	14.723	-0.059	14.732	-0.028	14.739	0.025	14.744	0.143
12.754	-0.775	12.768	-0.621	12.777	-0.424	12.785	-0.223	14.752	0.231	14.759	C.315	14.763	C.346	14.774	C.232
12.787	-0.174	12.793	-0.161	12.801	-0.043	12.809	0.062	14.780	0.381	14.791	C.324	14.797	0.281	14.804	0.373
12.815	0.110	12.824	0.053	12.831	-0.065	12.840	-0.197	14.816	C.159	14.825	C.128	14.838	0.146	14.849	C.094
12.845	-C.289	12.854	-0.302	12.858	-0.284	12.868	-0.219	14.861	0.055	14.875	C.055	14.873	C.147	14.886	C.209
12.876	-0.179	12.882	-0.162	12.893	-0.232	12.905	-0.180	14.898	0.191	14.907	0.179	14.924	C.219	14.934	0.175
12.911	-0.140	12.924	-0.171	12.938	-0.154	12.942	-0.184	14.940	0.144	14.943	C.039	14.952	C.009	14.963	-C.074
12.949	-0.259	12.963	-0.285	12.978	-0.259	12.989	-0.246	14.951	-0.052	14.985	-0.065	14.997	0.014	15.015	-0.063
12.999	-0.185	13.008	-0.128	13.020	-0.067	13.028	-0.058	15.034	C.068	15.067	0.065	15.086	C.030	15.092	-C.009
13.039	-0.084	13.056	-0.102	13.068	-0.059	13.081	-0.028	15.101	-0.062	15.115	-0.101	15.134	-C.118	15.143	-C.095
13.121	0.042	13.102	0.046	13.106	-0.033	13.113	0.059	15.158	-C.095	15.173	-0.059	15.192	-C.055	15.201	-C.024
13.158	-0.108	13.126	0.015	13.134	-0.038	13.149	0.069	15.214	C.003	15.228	0.043	15.243	C.030	15.252	-C.009
13.199	-0.021	13.171	-0.170	13.186	-0.069	13.192	-0.069	15.265	-0.035	15.275	-0.074	15.286	-0.052	15.302	-0.034
13.238	-0.284	13.246	-0.284	13.254	-0.306	13.263	-0.183	15.310	-0.008	15.325	-0.019	15.346	C.011	15.348	-0.033
13.277	-0.266	13.287	-0.227	13.299	-0.174	13.307	-0.164	15.355	-C.076	15.373	-0.111	15.385	C.098	15.395	-0.106
13.311	-0.082	13.319	-0.064	13.329	-0.073	13.337	-0.077	15.404	-C.067	15.417	0.013	15.429	0.074	15.451	-C.057
13.349	-0.059	13.358	-0.037	13.362	-0.068	13.373	-0.167	15.476	C.084	15.493	0.071	15.501	0.032	15.510	-0.025
13.379	-0.125	13.387	-0.072	13.395	-0.033	13.398	0.016	15.521	-C.082	15.527	-0.152	15.535	-C.191	15.547	-0.195
13.404	0.002	13.413	-0.028	13.422	-0.059	13.429	0.033	15.560	-0.155	15.566	-0.054	15.584	0.113	15.593	-0.183
13.435	0.177	13.442	0.234	13.446	0.256	13.454	0.265	15.642	C.032	15.649	-0.025	15.659	-0.060	15.680	-C.064
13.461	0.287	13.467	0.260	13.482	0.165	13.486	C.159	15.652	-C.050	15.706	-0.023	15.722	0.047	15.730	0.109
13.457	0.220	13.504	0.250	13.510	0.280	13.516	0.238	15.739	0.144	15.751	0.127	15.767	0.106	15.783	0.102
13.527	0.231	13.534	0.196	13.541	0.174	13.548	0.156	15.789	0.124	15.804	0.138	15.819	0.125	15.828	0.086
13.554	0.104	13.561	0.104	13.567	0.099	13.578	0.126	15.834	0.030	15.839	0.008	15.847	-0.058	15.856	-0.062
13.587	0.161	13.595	0.302	13.599	0.376	13.606	0.495	15.865	-0.044	15.879	C.009	15.889	C.049	15.896	C.063
13.612	0.364	13.618	0.210	13.624	0.092	13.629	0.018	15.923	0.051	15.934	0.033	15.962	0.048	16.003	C.067
13.636	-0.030	13.643	-0.061	13.654	-0.161	13.657	-0.135	16.023	C.063	16.034	0.041	16.040	C.024	16.046	-0.002
13.662	-0.179	13.671	-0.179	13.680	-0.165	13.688	-0.187	16.063	-0.041	16.076	-0.067	16.087	-0.137	16.102	-0.228
13.693	-0.217	13.702	-0.121	13.710	-0.116	13.724	0.191	16.119	-0.232	16.127	-0.152	16.144	-C.008	16.158	C.063
13.732	0.218	13.743	0.200	13.752	0.179	13.765	0.175	16.172	0.046	16.187	0.020	16.199	C.008	16.214	-C.009
13.770	0.109	13.779	0.109	13.791	0.132	13.803	0.264	16.217	-0.040	16.225	-0.105	16.235	-0.158	16.250	-0.197
13.817	0.400	13.829	0.422	13.836	0.444	13.841	0.405	16.264	-0.205	16.272	-0.147	16.284	-0.099	16.291	-C.077
13.852	0.357	13.857	0.270	13.864	0.169	13.875	0.104	16.299	-0.054	16.312	-C.168	16.323	-0.229	16.336	-0.285
13.883	0.038	13.890	-0.023	13.901	0.056	13.903	-0.005	16.346	-0.294	16.356	-C.243	16.365	-0.223	16.374	-C.152
13.918	-0.246	13.925	-0.272	13.936	-0.284	13.946	-0.236	16.388	-C.073	16.398	-0.046	16.411	-0.011	16.425	-0.016
13.959	-0.183	13.970	-0.204	13.985	-C.239	13.999	-0.274	16.441	-0.005	16.454	-C.048	16.473	-C.056	16.487	-C.087
14.016	-0.291	14.024	-0.255	14.038	-0.031	14.050	0.044	16.503	-0.047	16.517	-0.002	16.529	-0.037	16.538	-0.054
14.062	0.044	14.071	0.027	14.082	0.036	14.087	0.063	16.548	-0.076	16.562	-0.053	16.578	-0.060	16.593	-0.070
14.102	0.155	14.107	0.212	14.118	0.270	14.126	0.296	16.600	C.088	16.613	-0.105	16.635	-C.091	16.649	-0.078
14.132	0.275	14.140	0.205	14.159	0.012	14.161	-0.014	16.665	-0.099	16.674	-0.143	16.695	-0.204	16.708	-0.164
14.173	-0.053	14.182	-0.057	14.191	0.005	14.199	0.066	16.726	-C.076	16.744	0.021	16.755	-0.056	16.762	-0.034
14.207	0.115	14.217	0.154	14.221	0.181	14.226	0.168	16.771	-0.018	16.783	-0.044	16.796	-C.022	16.807	-0.053
14.232	0.146	14.240	0.107	14.249	0.059	14.258	0.028	16.821	-0.074	16.828	-0.052	16.853	-C.049	16.867	-0.115
14.271	C.029	14.282	0.029	14.283	0.003	14.293	-0.050	16.882	C.124	16.888	0.060	16.905	C.006	16.913	-C.029
14.300	-0.076	14.307	-0.064	14.315	-0.110	14.323	-0.123	16.928	-0.020	16.934	0.024	16.950	C.160	16.960	0.248
14.334	-0.106	14.343	-0.048	14.355	-0.022	14.361	-0.039	16.971	0.296	16.987	0.279	16.996	0.244	17.004	0.153
14.364	-0.070	14.379	-0.218	14.383	-0.253	14.389	-0.297	17.011	-0.083	17.016	-0.009	17.026	-0.128	17.032	-0.176
14.394	-0.314	14.403	-0.305	14.420	-0.252	14.431	-0.217	17.039	-0.228	17.046	-C.254	17.050	-C.254	17.055	-C.201

17.059	-0.166	17.065	-0.114	17.072	-0.118	17.082	-0.039	17.714	-0.143	15.793	-0.159	19.807	-0.168	19.815	-0.141
17.088	-0.017	17.097	0.001	17.107	0.006	17.114	-0.042	19.821	-0.114	19.835	-0.044	19.846	-0.001	19.862	-0.028
17.127	-0.147	17.139	-0.173	17.147	-0.195	17.154	-0.217	19.856	0.011	19.855	-0.028	19.866	-0.076	19.914	-0.119
17.171	-0.273	17.188	-0.282	17.205	-0.321	17.218	-0.277	19.924	-0.163	19.935	-0.171	19.946	-0.153	19.960	-0.061
17.231	-0.176	17.246	-0.096	17.268	-0.096	17.279	-0.056	19.978	-0.016	19.987	-0.029	19.998	-0.068	20.008	-0.046
17.266	-0.038	17.306	-0.047	17.319	-0.007	17.336	0.055	20.022	-0.019	20.033	0.017	20.049	-0.005	20.057	-0.017
17.339	-0.068	17.347	0.033	17.366	-0.054	17.378	0.142	20.078	-0.069	20.096	-0.055	20.105	-0.007	20.122	-0.090
17.393	-0.172	17.395	0.176	17.405	-0.137	17.422	-0.070	20.142	-0.148	20.166	-0.144	20.177	-0.052	20.190	-0.075
17.437	-0.030	17.449	-0.013	17.466	0.036	17.475	0.054	20.204	0.009	20.211	-0.021	20.216	-0.038	20.223	-0.056
17.486	-0.050	17.494	0.041	17.503	0.020	17.520	0.003	20.232	-0.016	20.244	0.041	20.257	-0.094	20.274	-0.125
17.532	0.025	17.548	0.069	17.562	0.078	17.573	0.083	20.288	-0.139	20.302	0.117	20.316	-0.078	20.321	-0.056
17.585	0.057	17.598	0.018	17.621	0.005	17.638	-0.020	20.348	-0.105	20.357	0.114	20.363	-0.158	20.367	-0.193
17.655	0.020	17.685	0.082	17.698	0.117	17.712	0.135	20.373	-0.229	20.380	0.281	20.391	-0.308	20.401	-0.286
17.725	0.144	17.742	0.193	17.757	0.211	17.777	0.238	20.412	-0.260	20.427	0.256	20.432	-0.235	20.446	-0.152
17.788	0.203	17.800	0.186	17.820	0.160	17.829	0.134	20.458	-0.091	20.474	0.038	20.480	-0.004	20.490	-0.004
17.841	0.073	17.879	0.017	17.898	0.048	17.919	0.093	20.515	-0.013	20.536	-0.005	20.547	-0.001	20.570	-0.007
17.937	0.154	17.954	0.194	17.968	0.217	17.982	0.261	20.599	-0.020	20.616	0.052	20.635	-0.044	20.641	-0.017
18.003	0.178	18.005	0.174	18.020	0.205	18.031	0.249	20.649	-0.009	20.665	0.032	20.674	-0.045	20.682	-0.028
18.044	0.267	18.057	0.237	18.071	0.158	18.081	0.084	20.692	-0.007	20.707	-0.041	20.717	-0.072	20.726	-0.115
18.092	0.018	18.106	-0.043	18.124	-0.112	18.142	-0.059	20.746	-0.176	20.755	-0.171	20.773	-0.170	20.750	-0.148
18.173	0.020	18.189	0.108	18.207	0.135	18.222	0.157	20.803	-0.125	20.818	-0.116	20.831	-0.142	20.848	-0.145
18.229	0.184	18.233	0.162	18.244	0.136	18.248	0.101	20.872	-0.136	20.883	-0.113	20.858	-0.082	20.918	-0.024
18.258	0.079	18.263	0.075	18.274	0.040	18.282	0.005	20.940	-0.041	20.949	-0.045	20.966	-0.018	20.982	-0.004
18.291	-0.043	18.297	-0.108	18.305	-0.152	18.322	-0.143	20.956	-0.031	21.005	-0.036	21.020	-0.003	21.035	-0.047
18.336	-0.112	18.346	-0.107	18.358	-0.098	18.370	-0.098	21.049	-0.099	21.059	-0.054	21.073	-0.011	21.084	-0.102
18.376	-0.115	18.380	-0.159	18.387	-0.216	18.398	-0.228	21.058	-0.080	21.102	-0.036	21.112	-0.027	21.127	-0.062
18.407	-0.215	18.413	-0.193	18.419	-0.180	18.428	-0.175	21.131	-0.088	21.136	-0.105	21.146	-0.088	21.174	-0.060
18.436	-0.179	18.447	-0.214	18.463	-0.213	18.462	-0.204	21.187	-0.021	21.192	-0.021	21.203	-0.025	21.212	-0.060
18.497	-0.234	18.504	-0.203	18.516	-0.137	18.523	-0.093	21.219	-0.077	21.234	-0.112	21.250	-0.137	21.262	-0.120
18.532	-0.088	18.539	-0.105	18.547	-0.114	18.554	-0.127	21.270	-0.080	21.283	-0.022	21.292	-0.000	21.308	-0.004
18.561	-0.113	18.571	-0.100	18.576	-0.126	18.580	-0.165	21.322	-0.021	21.334	-0.039	21.343	-0.065	21.350	-0.073
18.587	-0.222	18.594	-0.265	18.598	-0.287	18.603	-0.274	21.359	-0.029	21.389	0.121	21.399	-0.165	21.417	-0.174
18.610	-0.230	18.621	-0.133	18.630	-0.080	18.642	-0.066	21.425	-0.126	21.451	-0.000	21.470	-0.030	21.480	-0.018
18.654	-0.065	18.663	-0.091	18.676	-0.104	18.690	-0.099	21.503	-0.120	21.521	-0.173	21.533	-0.151	21.553	-0.077
18.699	-0.028	18.703	0.024	18.722	0.082	18.740	0.101	21.568	-0.029	21.578	-0.036	21.603	-0.109	21.626	-0.096
18.761	-0.141	18.772	0.111	18.778	0.067	18.788	0.010	21.637	-0.021	21.654	-0.013	21.669	-0.013	21.682	-0.040
18.797	-0.029	18.810	-0.050	18.825	-0.036	18.845	0.065	21.691	-0.035	21.711	-0.014	21.722	-0.034	21.735	-0.100
18.864	-0.149	18.881	-0.172	18.893	-0.128	18.902	0.045	21.749	-0.126	21.766	-0.143	21.778	-0.112	21.796	-0.033
18.913	-0.002	18.921	-0.002	18.928	0.029	18.935	0.064	21.813	-0.046	21.835	-0.033	21.849	-0.016	21.873	-0.038
18.956	0.113	18.971	0.118	18.988	0.118	19.014	0.106	21.897	-0.026	21.917	-0.005	21.932	-0.004	21.947	-0.044
19.028	0.128	19.044	0.150	19.060	0.164	19.071	0.155	21.964	-0.062	21.970	-0.045	21.982	-0.021	21.999	-0.060
19.076	0.120	19.082	0.081	19.092	0.006	19.106	-0.090	22.026	-0.033	22.044	-0.002	22.058	-0.047	22.089	-0.052
19.122	-0.146	19.131	-0.146	19.145	-0.128	19.150	-0.093	22.099	-0.066	22.124	-0.150	22.139	-0.176	22.147	-0.141
19.160	-0.062	19.166	-0.014	19.174	-0.039	19.183	0.070	22.160	-0.133	22.171	0.085	22.185	-0.072	22.204	-0.055
19.192	0.083	19.202	0.074	19.217	0.070	19.225	0.075	22.221	-0.034	22.243	0.035	22.269	-0.013	22.286	-0.034
19.234	0.088	19.248	0.110	19.257	0.106	19.265	0.080	22.304	-0.030	22.317	-0.003	22.338	-0.055	22.358	-0.099
19.274	0.040	19.285	0.010	19.295	-0.003	19.305	0.019	22.371	-0.091	22.380	-0.025	22.392	-0.054	22.405	-0.110
19.319	0.037	19.331	0.072	19.346	0.064	19.353	0.046	22.418	-0.101	22.428	-0.057	22.454	-0.022	22.467	-0.022
19.360	-0.002	19.366	-0.024	19.374	-0.063	19.384	-0.107	22.481	-0.101	22.496	-0.029	22.505	-0.047	22.525	-0.046
19.392	-0.133	19.409	-0.163	19.426	-0.162	19.439	-0.118	22.546	-0.020	22.568	0.066	22.586	-0.113	22.606	-0.105
19.453	-0.092	19.471	-0.073	19.479	-0.091	19.490	-0.104	22.620	-0.092	22.643	0.058	22.657	-0.023	22.673	-0.011
19.496	-0.130	19.509	-0.143	19.518	-0.098	19.526	-0.059	22.717	-0.042	22.736	0.082	22.747	-0.065	22.763	-0.070
19.540	0.016	19.559	0.047	19.574	0.013	19.592	-0.039	22.788	-0.097	22.836	-0.089	22.854	-0.006	22.871	-0.068
19.614	-0.060	19.629	-0.034	19.644	-0.011	19.664	-0.029	22.882	-0.107	22.894	-0.133	22.912	-0.141	22.932	-0.127
19.672	-0.015	19.681	-0.106	19.703	-0.180	19.719	-0.158	22.948	-0.123	22.959	-0.144	22.979	-0.192	23.027	-0.195
19.730	-0.092	19.743	-0.069	19.756	-0.086	19.764	-0.104	23.051	-0.191	23.068	-0.146	23.089	-0.102	23.119	-0.115

23.141	-0.119	23.175	-0.131	23.192	-0.117	23.216	-0.073	27.585	C.058	27.598	0.054	27.610	C.037	27.622	C.029
23.237	-0.024	23.268	0.016	23.291	0.030	23.307	0.044	27.632	0.038	27.644	0.061	27.658	0.061	27.674	C.057
23.316	C.070	23.326	0.119	23.339	0.123	23.363	0.080	27.664	C.040	27.665	0.005	27.676	C.017	27.718	-0.026
23.384	0.063	23.408	0.069	23.415	0.047	23.463	0.045	27.731	-0.025	27.743	-0.016	27.756	C.015	27.768	C.042
23.483	0.054	23.502	0.073	23.508	0.108	23.519	0.178	27.778	C.060	27.794	0.052	27.805	0.043	27.816	0.030
23.540	C.210	23.547	0.193	23.554	0.132	23.563	0.088	27.831	0.025	27.849	C.043	27.865	C.052	27.883	C.080
23.577	0.032	23.592	-0.033	23.619	-0.041	23.643	-0.058	27.899	0.103	27.914	0.059	27.931	0.086	27.948	0.078
23.675	-0.065	23.694	-0.086	23.713	-0.112	23.731	-0.094	27.962	C.052	27.975	C.027	27.996	C.005	28.013	-0.007
23.760	-0.057	23.790	-0.087	23.849	-0.076	23.886	-0.053	28.033	-0.020	28.053	-0.032	28.067	-0.041	28.079	-0.040
23.929	-0.012	23.957	0.006	24.000	0.017	24.025	0.022	28.096	-0.018	28.105	0.005	28.123	0.005	28.136	C.001
24.057	0.049	24.081	-0.042	24.096	-0.067	24.136	-0.031	28.151	0.002	28.164	0.007	28.177	C.007	28.189	-0.014
24.162	-0.025	24.187	-0.121	24.199	-0.190	24.211	-0.207	28.199	-0.036	28.210	-0.049	28.225	-0.031	28.247	-0.014
24.235	-0.180	24.257	-0.131	24.281	-0.077	24.300	-0.063	28.261	-0.014	28.275	-0.022	28.288	-0.035	28.301	-0.031
24.325	-0.036	24.355	0.023	24.382	0.046	24.401	0.038	28.319	-0.009	28.337	0.004	28.357	-0.004	28.373	-0.008
24.432	0.008	24.484	0.024	24.524	0.021	24.542	-0.053	28.392	-0.001	28.405	-0.012	28.420	-0.060	28.433	-0.086
24.567	-0.039	24.583	0.006	24.614	0.011	24.636	-0.023	28.448	-0.006	28.466	-0.038	28.479	-0.037	28.494	-0.046
24.665	0.004	24.678	0.035	24.702	0.071	24.736	0.055	28.503	-0.059	28.519	-0.067	28.534	-0.050	28.548	-0.027
24.750	-0.002	24.771	-0.010	24.785	-0.010	24.819	-0.000	28.565	0.008	28.579	0.030	28.595	C.048	28.604	C.026
24.850	0.027	24.868	0.031	24.895	0.023	24.936	0.020	28.616	-0.022	28.624	-0.044	28.636	-0.070	28.653	-0.057
24.961	0.033	24.976	0.069	25.006	0.048	25.034	0.040	28.669	-0.026	28.685	-0.008	28.697	C.010	28.711	C.010
25.037	0.062	25.075	0.080	25.104	0.081	25.124	0.064	28.728	-0.003	28.753	-0.025	28.780	-0.016	28.795	-0.011
25.139	0.043	25.163	0.087	25.188	0.105	25.204	0.102	28.814	C.016	28.830	C.015	28.847	-0.036	28.855	-0.045
25.227	0.133	25.248	0.138	25.271	0.112	25.295	0.091	28.872	-0.014	28.889	0.026	28.905	0.035	28.921	0.026
25.332	0.083	25.369	0.089	25.399	0.081	25.418	0.029	28.939	0.005	28.958	0.001	28.984	C.006	29.005	C.002
25.439	-0.006	25.459	0.003	25.476	0.021	25.500	0.009	29.021	0.007	29.053	0.012	29.053	C.012	29.072	-0.005
25.510	-0.013	25.530	-0.021	25.549	-0.007	25.557	-0.007	29.088	-0.000	29.105	-0.009	29.121	-0.010	29.137	-0.008
25.577	-0.011	25.588	-0.037	25.601	-0.076	25.616	-0.106	29.153	0.011	29.177	0.007	29.191	-0.010	29.215	-0.028
25.638	-0.114	25.656	-0.165	25.671	-0.083	25.680	-0.052	29.223	-0.032	29.245	-0.018	29.260	-0.004	29.276	C.008
25.699	-0.025	25.718	-0.016	25.734	-0.050	25.747	-0.059	29.362	-0.017	29.370	-0.030	29.387	-0.016	29.396	0.015
25.763	0.032	25.776	0.003	25.803	0.004	25.883	0.006	29.439	-0.045	29.455	-0.023	29.470	C.004	29.478	-0.048
25.905	-0.007	25.941	-0.006	25.961	0.060	25.980	0.056	29.499	-0.045	29.512	-0.066	29.527	-0.088	29.551	-0.048
26.046	-0.060	26.060	-0.061	26.016	-0.096	26.032	-0.091	29.570	C.000	29.585	0.036	29.596	C.044	29.611	0.027
26.164	-0.045	26.126	-0.040	26.146	-0.031	26.166	-0.032	29.628	-0.012	29.646	-0.034	29.661	-0.016	29.671	C.019
26.180	0.054	26.188	0.033	26.201	-0.019	26.210	-0.063	29.686	C.028	29.704	-0.007	29.722	-0.047	29.737	-0.077
26.226	-0.080	26.238	-0.057	26.254	-0.021	26.279	-0.012	29.751	-0.090	29.770	-0.041	29.787	-0.015	29.804	-0.019
26.304	-0.024	26.321	-0.049	26.349	-0.074	26.379	-0.060	29.825	-0.032	29.839	-0.009	29.850	0.043	29.864	0.061
26.402	-0.072	26.426	-0.045	26.438	-0.000	26.454	0.044	29.883	C.044	29.901	-0.000	29.917	-0.013	29.936	-0.022
26.478	0.058	26.494	0.050	26.506	0.007	26.519	-0.019	29.950	-0.009	29.964	0.022	29.983	C.040	29.991	0.022
26.530	-0.036	26.545	-0.022	26.566	-0.000	26.585	0.014	30.006	-0.026	30.019	-0.079	30.033	-0.109	30.049	-0.065
26.607	0.032	26.640	0.037	26.667	0.007	26.686	0.016	30.063	-0.013	30.076	-0.037	30.091	C.043	30.104	0.036
26.713	0.021	26.722	0.022	26.743	-0.004	26.766	-0.039	30.117	0.005	30.127	0.017	30.143	-0.017	30.154	-0.012
26.790	-0.038	26.825	-0.032	26.844	-0.031	26.853	-0.013	30.167	-0.003	30.181	C.001	30.196	C.006	30.207	-0.007
26.874	0.036	26.885	0.046	26.897	0.025	26.908	-0.001	30.217	-0.007	30.225	-0.010	30.241	-0.015	30.256	0.003
26.927	-0.053	26.936	-0.083	26.946	-0.083	26.962	-0.060	30.266	-0.006	30.282	-0.016	30.301	-0.023	30.311	-0.044
26.972	-0.029	26.985	-0.006	26.998	-0.021	27.010	0.034	30.323	-0.075	30.333	-0.056	30.339	-0.105	30.352	-0.083
27.026	0.035	27.041	0.045	27.056	0.068	27.070	0.091	30.369	-0.034	30.384	C.010	30.402	-0.050	30.415	C.046
27.081	0.101	27.095	0.098	27.111	0.078	27.130	0.043	30.432	0.042	30.445	0.025	30.465	-0.006	30.481	C.012
27.144	0.008	27.156	-0.023	27.175	-0.028	27.191	-0.010	30.456	C.012	30.510	C.008	30.522	C.026	30.538	0.035
27.226	0.013	27.219	0.013	27.239	-0.039	27.253	-0.065	30.551	-0.035	30.566	-0.013	30.581	-0.056	30.592	-0.065
27.272	-0.070	27.285	-0.069	27.296	-0.073	27.313	-0.076	30.608	-0.034	30.623	C.016	30.638	C.006	30.656	C.046
27.324	-0.067	27.338	-0.057	27.353	-0.048	27.366	-0.047	30.670	0.063	30.686	0.015	30.701	-0.054	30.713	-0.107
27.377	-0.060	27.388	-0.086	27.399	-0.076	27.409	-0.124	30.724	-0.125	30.738	-0.069	30.751	-0.014	30.762	0.030
27.421	-0.106	27.434	-0.070	27.447	-0.044	27.463	-0.027	30.775	C.056	30.792	C.030	30.811	-0.009	30.820	-0.044
27.477	-0.031	27.488	-0.027	27.502	0.003	27.515	0.007	30.834	-0.062	30.849	-0.048	30.864	-0.017	30.877	C.035
27.532	0.003	27.544	-0.006	27.556	0.008	27.571	0.048	30.888	0.075	30.901	0.115	30.919	C.101	30.932	0.062

30.951	0.036	30.967	0.049	30.980	0.058	30.995	0.045	34.741	0.015	34.760	0.033	34.782	0.012	34.804	-0.001
31.009	0.019	31.025	-0.003	31.045	0.002	31.060	0.007	34.823	0.008	34.845	0.021	34.866	0.008	34.889	-0.035
31.075	0.011	31.091	0.038	31.096	0.051	31.110	0.034	34.904	-0.053	34.925	-0.031	34.954	-0.004	34.978	0.031
31.121	-0.001	31.137	-0.022	31.150	-0.039	31.165	0.005	34.956	0.049	35.012	0.040	35.028	-0.004	35.046	-0.021
31.182	0.040	31.203	0.024	31.216	0.020	31.228	0.011	35.067	0.005	35.090	0.012	35.115	-0.021	35.136	-0.021
31.244	-0.023	31.264	-0.049	31.275	-0.049	31.297	0.000	35.156	-0.008	35.171	-0.021	35.193	-0.024	35.220	0.031
31.315	0.040	31.331	0.019	31.349	0.016	31.368	-0.055	35.244	0.073	35.265	0.051	35.283	-0.005	35.298	-0.036
31.367	-0.068	31.404	-0.063	31.421	-0.049	31.443	0.013	35.322	-0.044	35.340	0.048	35.361	-0.009	35.384	0.045
31.455	-0.018	31.468	-0.017	31.484	-0.021	31.503	-0.030	35.404	0.045	35.422	0.002	35.445	-0.020	35.464	0.011
31.519	-0.021	31.537	0.015	31.561	0.033	31.579	0.020	35.504	0.029	35.518	0.008	35.518	-0.005	35.534	0.021
31.595	-0.006	31.610	-0.006	31.625	-0.014	31.642	-0.031	35.554	0.057	35.572	0.035	35.589	0.013	35.609	0.035
31.657	-0.062	31.671	-0.062	31.688	-0.018	31.702	0.017	35.625	0.027	35.643	-0.068	35.665	-0.021	35.688	-0.007
31.718	0.039	31.735	0.035	31.754	0.026	31.778	0.035	35.709	-0.007	35.732	-0.020	35.752	-0.015	35.761	-0.015
31.756	0.044	31.816	0.057	31.835	0.027	31.852	0.009	35.781	-0.050	35.805	-0.063	35.815	-0.062	35.832	-0.106
31.868	-0.021	31.886	-0.052	31.904	-0.034	31.924	-0.021	35.844	-0.101	35.865	-0.031	35.887	0.022	35.910	0.032
31.946	-0.012	31.964	-0.007	31.988	0.010	32.011	0.028	35.934	0.028	35.953	0.015	35.977	0.007	35.996	-0.037
32.029	0.028	32.052	0.020	32.071	-0.032	32.099	-0.071	36.012	-0.058	36.026	-0.040	36.038	-0.005	36.056	0.022
32.117	-0.044	32.134	-0.026	32.155	-0.021	32.172	-0.021	36.073	-0.064	36.092	-0.056	36.117	-0.064	36.140	-0.059
32.188	-0.029	32.208	-0.028	32.225	0.012	32.242	0.034	36.170	-0.050	36.195	-0.027	36.213	-0.010	36.232	0.035
32.257	0.039	32.273	0.039	32.290	0.013	32.308	-0.021	36.247	0.035	36.272	0.039	36.284	0.000	36.297	0.026
32.325	-0.016	32.338	0.001	32.363	0.032	32.377	0.010	36.320	0.005	36.351	0.009	36.370	0.009	36.390	0.031
32.394	-0.025	32.411	-0.016	32.423	0.001	32.440	0.001	36.409	0.062	36.416	0.070	36.439	-0.048	36.455	0.040
32.457	0.001	32.471	0.006	32.485	-0.010	32.504	0.023	36.470	-0.008	36.481	-0.052	36.495	-0.038	36.517	-0.021
32.526	0.010	32.547	-0.021	32.567	-0.025	32.587	-0.051	36.537	0.002	36.560	0.024	36.578	-0.007	36.606	-0.028
32.607	-0.056	32.627	-0.051	32.637	-0.060	32.656	0.002	36.628	0.003	36.661	0.017	36.679	0.035	36.701	0.080
32.673	-0.078	32.689	-0.042	32.710	-0.016	32.721	0.002	36.719	0.067	36.735	0.050	36.756	0.001	36.780	-0.042
32.735	0.011	32.754	-0.007	32.768	-0.015	32.779	0.028	36.758	-0.042	36.817	-0.042	36.840	-0.024	36.861	-0.024
32.800	-0.059	32.818	-0.036	32.834	-0.023	32.852	-0.010	36.875	-0.042	36.885	-0.081	36.905	-0.107	36.921	-0.054
32.866	-0.010	32.877	-0.009	32.890	-0.014	32.907	-0.005	36.939	0.034	36.954	0.060	36.969	0.026	36.987	0.008
32.923	0.004	32.935	0.004	32.953	0.018	32.968	0.022	37.015	0.035	37.038	0.044	37.064	0.084	37.078	0.089
32.982	0.009	32.998	-0.004	33.009	0.001	33.024	0.019	37.054	0.063	37.116	0.015	37.140	0.002	37.158	-0.037
33.044	0.036	33.057	0.041	33.074	0.028	33.088	0.015	37.184	-0.040	37.202	-0.040	37.227	-0.057	37.243	-0.039
33.103	0.011	33.118	0.015	33.133	0.033	33.145	0.051	37.266	-0.013	37.293	0.001	37.320	0.019	37.341	0.054
33.158	0.055	33.171	0.042	33.183	0.012	33.194	-0.028	37.365	0.081	37.380	0.082	37.401	0.051	37.417	0.025
33.211	-0.045	33.231	-0.018	33.250	0.017	33.275	0.048	37.442	0.052	37.465	0.042	37.482	0.062	37.506	-0.058
33.288	0.026	33.306	-0.013	33.319	-0.026	33.336	-0.017	37.522	0.019	37.545	-0.020	37.576	-0.036	37.606	-0.045
33.352	0.027	33.379	0.045	33.397	0.023	33.415	-0.003	37.631	-0.040	37.654	-0.022	37.671	0.030	37.694	0.079
33.434	-0.007	33.455	0.002	33.473	0.007	33.491	-0.006	37.716	0.053	37.734	0.040	37.761	0.018	37.780	0.009
33.507	-0.015	33.522	-0.015	33.546	-0.023	33.565	-0.014	37.799	0.057	37.817	0.088	37.843	0.040	37.865	0.000
33.586	-0.001	33.603	0.013	33.618	0.022	33.634	-0.000	37.886	-0.004	37.904	-0.004	37.922	0.000	37.944	0.022
33.650	-0.009	33.665	0.005	33.680	0.040	33.692	0.062	37.959	0.018	37.978	-0.004	37.994	-0.004	38.013	0.013
33.702	0.045	33.721	-0.030	33.731	-0.073	33.744	-0.091	38.034	0.022	38.054	0.031	38.072	0.044	38.090	0.018
33.757	-0.055	33.774	-0.020	33.795	-0.002	33.812	0.003	38.112	-0.013	38.134	-0.012	38.164	-0.008	38.180	-0.012
33.828	0.027	33.847	-0.062	33.867	-0.013	33.880	0.040	38.194	-0.029	38.227	-0.043	38.252	-0.025	38.240	0.019
33.855	-0.075	33.908	0.062	33.931	0.032	33.951	0.002	38.266	0.024	38.287	0.029	38.313	0.060	38.340	0.038
33.961	-0.002	33.976	0.016	33.997	0.039	34.017	0.035	38.358	0.034	38.372	0.034	38.394	-0.009	38.413	-0.036
34.028	0.004	34.043	-0.061	34.055	-0.069	34.076	-0.029	38.447	-0.035	38.462	-0.005	38.484	0.022	38.506	0.009
34.089	0.033	34.108	0.086	34.133	0.016	34.146	-0.023	38.521	0.018	38.540	0.000	38.559	0.009	38.581	0.009
34.168	0.025	34.188	0.065	34.208	0.110	34.220	0.114	38.602	0.000	38.628	0.018	38.652	0.031	38.675	0.033
34.238	0.066	34.252	0.005	34.268	-0.025	34.275	-0.038	38.694	0.053	38.719	-0.036	38.737	0.036	38.754	-0.060
34.293	0.010	34.307	0.046	34.328	-0.007	34.347	-0.028	38.774	0.005	38.792	0.034	38.805	-0.051	38.825	-0.060
34.366	-0.037	34.388	-0.010	34.404	0.017	34.421	0.048	38.851	-0.042	38.872	-0.011	38.890	-0.020	38.911	-0.033
34.433	0.066	34.447	0.075	34.467	0.027	34.482	0.005	38.937	-0.028	38.956	-0.014	38.975	0.003	38.996	0.017
34.503	0.014	34.529	-0.029	34.553	-0.033	34.566	-0.032	39.016	0.004	39.044	-0.014	39.076	-0.013	39.104	-0.026
34.586	-0.032	34.604	-0.071	34.623	-0.027	34.635	0.026	39.130	-0.044	39.151	-0.052	39.179	-0.043	39.207	-0.039
34.652	0.040	34.678	0.018	34.700	0.019	34.719	0.019	39.230	-0.021	39.253	0.006	39.274	0.028	39.293	0.028

39.312	0.028	39.335	0.033	39.352	0.034	39.371	C.030
39.394	0.026	39.415	0.026	39.440	0.031	39.454	0.032
39.471	0.028	39.487	0.028	39.511	0.051	39.538	0.056
39.561	0.061	39.578	0.053	39.595	0.040	39.615	0.058
39.635	C.076	39.650	0.077	39.666	0.055	39.685	0.051
39.658	0.047	39.713	0.013	39.731	-0.004	39.749	0.018
39.774	0.040	39.796	0.037	39.813	0.019	39.840	-0.028
39.863	-0.045	39.891	-0.045	39.913	-0.022	39.938	-0.018
39.961	-0.031	39.985	-0.035	40.012	0.009	40.034	0.005
40.055	-C.004	40.075	0.005	40.090	0.013	40.110	-0.004
40.129	-0.022	40.152	-C.008	40.176	0.001	40.198	-C.008
40.223	0.005	40.245	0.005	40.266	-0.012	40.292	-0.021
40.314	-C.007	40.336	-0.016	40.353	-0.020	40.362	-0.011
40.377	-0.015	40.390	-0.015				

IR246

71.192 2/9/71 0600PST L.A. 6464 SUNSET BLVD. BASEMENT SOUTH

3044 POINTS 43.535 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1817 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.010	0.018	-0.004	0.031	-0.005	0.043	0.030	2.239	-0.016	2.254	-0.019	2.270	-0.085	2.295	-0.131	2.310	-0.013
0.053	0.008	0.064	-0.007	0.078	-0.007	0.093	-0.023	2.304	-0.125	2.320	-0.019	2.331	-0.013	2.348	-0.079	2.363	-0.048
0.106	-0.038	0.118	-0.045	0.128	-0.032	0.141	-0.077	2.366	-0.074	2.382	-0.032	2.396	-0.048	2.413	-0.086	2.428	-0.011
0.148	-0.078	0.161	-0.029	0.170	-0.008	0.183	0.012	2.429	-0.138	2.457	-0.060	2.471	-0.003	2.481	-0.011	2.496	-0.045
0.191	0.018	0.205	-0.019	0.219	-0.014	0.227	-0.007	2.496	-0.105	2.507	-0.084	2.513	-0.027	2.521	0.036	2.536	-0.039
0.239	0.013	0.250	-0.004	0.263	-0.026	0.279	-0.049	2.533	0.073	2.542	0.023	2.552	0.008	2.562	0.036	2.577	-0.041
0.288	-0.058	0.301	-0.038	0.310	-0.040	0.332	-0.093	2.585	0.028	2.603	0.077	2.616	0.041	2.631	-0.039	2.646	-0.005
0.340	-0.102	0.353	-0.068	0.371	-0.056	0.388	-0.051	2.644	-0.046	2.663	-0.026	2.679	0.010	2.691	-0.005	2.706	-0.039
0.394	-0.081	0.400	-0.060	0.414	0.053	0.435	0.050	2.704	0.037	2.715	0.058	2.727	0.008	2.743	-0.072	2.758	-0.184
0.449	0.084	0.463	0.083	0.474	0.052	0.487	-0.028	2.756	-0.058	2.770	-0.023	2.787	-0.089	2.806	-0.184	2.821	-0.033
0.495	-0.050	0.508	-0.045	0.515	-0.024	0.531	-0.048	2.820	-0.207	2.834	-0.101	2.846	-0.030	2.859	-0.053	2.874	-0.097
0.545	-0.078	0.555	-0.065	0.570	-0.008	0.581	0.020	2.878	-0.304	2.904	-0.050	2.923	-0.023	2.945	-0.018	2.960	-0.041
0.591	0.013	0.601	-0.038	0.612	-0.067	0.620	-0.075	2.962	-0.056	2.982	-0.044	2.999	0.062	3.014	0.018	3.029	-0.017
0.637	-0.018	0.652	-0.019	0.664	-0.012	0.678	0.052	3.041	-0.007	3.062	-0.023	3.080	0.025	3.099	-0.041	3.114	-0.017
0.685	0.073	0.697	0.050	0.716	0.034	0.732	-0.047	3.110	0.073	3.116	0.151	3.124	0.158	3.136	0.107	3.151	-0.026
0.748	-0.027	0.765	-0.065	0.779	0.020	0.790	0.011	3.150	0.106	3.158	0.069	3.174	-0.054	3.192	-0.026	3.207	-0.035
0.807	-0.049	0.818	-0.044	0.829	-0.003	0.837	-0.004	3.208	-0.149	3.214	-0.042	3.225	0.036	3.235	0.035	3.250	-0.043
0.847	-0.041	0.857	-0.064	0.868	-0.023	0.879	-0.005	3.250	-0.102	3.256	-0.132	3.277	-0.062	3.296	0.043	3.311	-0.013
0.910	-0.052	0.927	-0.003	0.949	-0.092	0.973	0.007	3.307	0.121	3.316	0.084	3.328	0.004	3.349	-0.013	3.364	-0.060
0.989	-0.030	1.004	0.011	1.023	-0.055	1.044	-0.021	3.367	0.093	3.377	0.099	3.395	0.062	3.407	0.060	3.422	-0.021
1.063	-0.008	1.077	-0.031	1.094	-0.097	1.111	-0.084	3.422	-0.036	3.444	0.054	3.451	0.060	3.465	-0.021	3.480	-0.056
1.123	-0.027	1.134	-0.015	1.151	-0.015	1.169	-0.018	3.480	-0.024	3.498	-0.098	3.508	-0.043	3.519	0.009	3.534	-0.068
1.185	-0.085	1.193	-0.057	1.209	0.020	1.227	0.024	3.525	0.077	3.544	0.059	3.552	0.058	3.569	-0.009	3.584	-0.118
1.241	0.001	1.255	0.028	1.267	-0.003	1.282	-0.055	3.585	0.010	3.596	0.008	3.616	-0.103	3.623	0.118	3.638	-0.084
1.299	-0.029	1.318	-0.066	1.338	-0.054	1.353	0.077	3.639	0.037	3.652	0.064	3.665	0.112	3.673	0.118	3.688	-0.079
1.370	0.022	1.381	-0.072	1.403	0.020	1.423	0.025	3.693	0.065	3.701	0.049	3.721	0.089	3.735	0.116	3.750	-0.084
1.439	-0.055	1.457	-0.063	1.473	-0.085	1.487	-0.049	3.748	-0.057	3.757	-0.036	3.768	0.071	3.777	0.099	3.792	-0.084
1.506	-0.057	1.525	0.000	1.532	0.007	1.544	-0.065	3.797	0.025	3.812	-0.035	3.830	0.058	3.836	0.079	3.851	-0.084
1.557	-0.130	1.568	-0.095	1.583	-0.002	1.602	-0.003	3.853	-0.001	3.871	-0.003	3.889	-0.083	3.904	-0.084	3.919	-0.146
1.619	0.054	1.636	-0.060	1.656	0.044	1.669	-0.036	3.921	-0.121	3.943	-0.094	3.956	-0.095	3.970	-0.146	3.985	-0.008
1.682	-0.087	1.698	-0.059	1.713	-0.110	1.729	-0.119	3.988	-0.083	4.009	-0.092	4.030	0.022	4.044	-0.008	4.059	-0.022
1.739	-0.105	1.753	0.001	1.762	0.051	1.778	0.085	4.062	-0.153	4.083	-0.148	4.102	-0.042	4.113	-0.022	4.128	-0.024
1.787	0.120	1.795	0.105	1.811	0.024	1.820	0.009	4.127	-0.081	4.140	-0.139	4.151	-0.054	4.163	0.024	4.178	-0.084
1.838	0.053	1.850	0.036	1.868	-0.067	1.880	-0.097	4.184	-0.036	4.192	-0.015	4.207	-0.038	4.226	0.004	4.241	-0.088
1.895	-0.063	1.904	-0.064	1.918	-0.130	1.928	-0.095	4.246	-0.034	4.258	-0.049	4.276	0.021	4.292	-0.088	4.307	-0.102
1.944	0.024	1.967	-0.008	1.983	0.011	2.000	0.045	4.301	-0.110	4.319	-0.019	4.343	-0.035	4.360	-0.102	4.375	-0.080
2.014	0.071	2.028	0.004	2.043	-0.048	2.061	0.042	4.379	-0.032	4.394	-0.077	4.412	-0.115	4.421	-0.080	4.436	-0.022
2.042	-0.012	2.083	-0.047	2.099	-0.021	2.121	-0.018	4.434	0.048	4.452	0.161	4.462	0.139	4.474	0.022	4.489	-0.095
2.136	0.023	2.144	0.021	2.158	-0.074	2.175	-0.120	4.494	-0.044	4.511	-0.075	4.524	0.039	4.536	0.095	4.551	-0.118
2.190	-0.166	2.197	-0.146	2.208	-0.069	2.216	-0.027	4.552	0.050	4.566	0.113	4.587	0.111	4.602	0.118	4.617	-0.118

4.620	0.174	4.641	0.029	4.658	-0.008	4.674	-0.052	7.444	-0.297	7.455	-0.276	7.468	-0.170	7.479	-0.114
4.687	0.041	4.705	0.076	4.722	0.146	4.733	0.167	7.495	-0.159	7.507	-0.089	7.516	0.147	7.524	0.326
4.746	0.087	4.757	0.036	4.770	0.136	4.780	0.156	7.531	0.346	7.544	0.294	7.555	0.221	7.574	0.119
4.791	0.069	4.801	-0.039	4.823	-0.069	4.840	-0.092	7.582	0.069	7.591	-0.170	7.608	-0.460	7.618	-0.734
4.851	-0.050	4.863	0.064	4.881	0.099	4.898	0.083	7.625	-0.028	7.631	-0.843	7.641	-0.751	7.651	-0.522
4.906	0.061	4.920	0.053	4.929	-0.005	4.942	-0.106	7.662	-0.358	7.673	-0.230	7.681	-0.138	7.698	-0.082
4.965	-0.180	4.973	-0.180	4.988	-0.131	5.008	-0.040	7.708	-0.104	7.719	-0.177	7.726	-0.278	7.739	-0.452
5.016	-0.040	5.035	-0.114	5.053	-0.165	5.068	-0.131	7.746	-0.532	7.753	-0.511	7.764	-0.354	7.774	-0.182
5.089	-0.111	5.109	-0.099	5.123	-0.035	5.142	0.114	7.785	-0.033	7.790	-0.019	7.798	-0.055	7.806	-0.207
5.156	0.227	5.162	0.234	5.176	0.203	5.185	0.231	7.814	-0.351	7.820	-0.424	7.826	-0.439	7.838	0.368
5.200	0.345	5.209	0.293	5.221	0.098	5.229	0.054	7.845	-0.239	7.856	-0.054	7.863	0.118	7.872	0.232
5.247	0.082	5.263	-0.020	5.281	-0.007	5.296	-0.267	7.876	0.275	7.884	0.252	7.891	0.130	7.902	-0.051
5.304	-0.318	5.322	-0.241	5.339	-0.335	5.346	-0.322	7.912	-0.217	7.921	-0.354	7.932	-0.470	7.942	-0.550
5.360	-0.194	5.372	-0.116	5.388	0.149	5.398	0.219	7.956	-0.623	7.965	-0.616	7.976	-0.531	7.986	-0.367
5.406	0.168	5.418	-0.019	5.434	-0.193	5.443	-0.288	7.997	-0.153	8.013	0.191	8.031	0.519	8.045	0.798
5.457	-0.497	5.474	-0.513	5.489	-0.507	5.503	-0.494	8.054	1.048	8.064	1.105	8.071	1.047	8.143	0.646
5.517	-0.367	5.530	-0.131	5.541	0.076	5.550	0.147	8.099	0.786	8.114	0.698	8.130	0.661	8.177	0.800
5.563	0.174	5.568	0.152	5.575	0.108	5.583	0.085	8.154	0.709	8.165	0.809	8.170	0.837	8.226	-0.109
5.591	0.120	5.603	0.327	5.611	0.419	5.618	0.418	8.190	0.648	8.202	0.446	8.214	0.187	8.266	-0.350
5.627	0.245	5.638	-0.015	5.647	-0.167	5.655	-0.175	8.239	-0.405	8.245	-0.477	8.255	-0.456	8.308	-0.303
5.667	-0.162	5.675	-0.221	5.688	-0.409	5.697	-0.524	8.279	-0.222	8.289	-0.201	8.295	-0.216	8.344	0.238
5.703	-0.504	5.712	-0.282	5.724	0.219	5.734	0.484	8.320	-0.312	8.329	-0.219	8.344	0.023	8.391	0.199
5.745	0.598	5.753	0.597	5.764	0.560	5.778	0.408	8.365	0.409	8.371	0.416	8.379	0.372	8.439	0.309
5.789	0.242	5.800	-0.032	5.813	-0.364	5.822	-0.559	8.402	0.133	8.412	0.146	8.427	0.267	8.484	0.068
5.830	-0.624	5.845	-0.597	5.860	-0.540	5.870	-0.478	8.451	0.279	8.461	0.163	8.475	0.054	8.520	-0.738
5.882	-0.327	5.892	-0.163	5.902	-0.077	5.909	-0.084	8.496	-0.263	8.507	-0.193	8.514	-0.666	8.554	-0.244
5.919	-0.165	5.929	-0.209	5.937	-0.159	5.949	-0.031	8.526	-0.752	8.535	-0.688	8.545	-0.473	8.587	-0.073
5.961	0.047	5.976	0.096	5.994	0.181	6.012	0.251	8.564	-0.008	8.569	0.057	8.577	0.063	8.635	-0.073
6.025	0.257	6.033	0.192	6.040	0.040	6.051	-0.161	8.598	-0.076	8.605	-0.076	8.622	-0.021	8.692	-0.475
6.059	-0.227	6.069	-0.206	6.080	-0.099	6.090	0.015	8.649	-0.254	8.661	-0.414	8.678	-0.487	8.734	0.322
6.099	0.129	6.112	0.136	6.121	0.028	6.134	-0.174	8.702	-0.318	8.715	-0.040	8.723	0.188	8.765	0.194
6.146	-0.267	6.165	-0.311	6.185	-0.341	6.195	-0.399	8.741	0.378	8.748	0.370	8.757	0.289	8.812	-0.138
6.209	-0.500	6.218	-0.493	6.231	-0.401	6.247	-0.345	8.777	0.005	8.788	-0.090	8.799	-0.136	8.860	-0.485
6.261	-0.181	6.276	0.054	6.289	0.297	6.300	0.389	8.819	-0.197	8.830	-0.328	8.843	-0.424	8.910	-0.067
6.311	0.381	6.326	0.228	6.339	-0.303	6.354	-0.192	8.872	-0.480	8.885	-0.381	8.898	-0.238	8.955	0.360
6.364	-0.229	6.374	-0.195	6.385	-0.068	6.397	0.066	8.921	0.076	8.931	0.147	8.946	0.253	9.000	0.583
6.409	0.107	6.421	0.054	6.433	0.002	6.441	0.072	8.968	0.596	8.978	0.796	8.991	0.874	9.105	-0.043
6.451	0.171	6.468	0.389	6.486	0.150	6.504	0.183	9.011	0.736	9.023	0.649	9.035	0.620	9.149	0.874
6.517	0.217	6.527	0.094	6.539	-0.180	6.559	-0.348	9.054	0.396	9.069	0.188	9.085	0.022	9.237	0.352
6.573	-0.557	6.587	-0.674	6.601	-0.712	6.616	-0.642	9.116	-0.308	9.129	0.200	9.140	0.537	9.298	-0.006
6.630	-0.442	6.642	-0.220	6.652	-0.156	6.658	-0.171	9.160	1.111	9.166	1.190	9.180	1.168	9.350	-0.378
6.668	-0.265	6.678	-0.258	6.689	-0.180	6.701	-0.130	9.201	0.858	9.216	0.584	9.226	0.410	9.402	0.192
6.723	-0.124	6.736	0.004	6.754	0.233	6.769	0.304	9.254	0.321	9.266	0.227	9.283	0.139	9.441	0.253
6.787	0.417	6.802	0.459	6.820	0.422	6.839	0.391	9.311	-0.209	9.325	-0.346	9.335	-0.362	9.517	0.032
6.852	0.225	6.862	0.196	6.878	0.302	6.891	0.301	9.360	-0.414	9.376	-0.287	9.392	-0.001	9.610	-0.115
6.903	0.242	6.914	0.184	6.930	0.233	6.942	0.239	9.412	0.285	9.421	0.313	9.434	0.268	9.656	-0.097
6.956	0.094	6.963	-0.093	6.972	-0.288	6.978	-0.310	9.452	0.310	9.462	0.352	9.472	0.322	9.703	-0.289
6.986	-0.217	6.993	-0.132	7.006	-0.140	7.021	-0.242	9.494	0.305	9.506	-0.047	9.517	0.032	9.744	-0.416
7.033	-0.351	7.047	-0.517	7.056	-0.583	7.072	-0.606	9.543	0.345	9.552	0.459	9.562	0.472	9.890	-0.039
7.083	-0.585	7.096	-0.342	7.106	-0.128	7.118	0.158	9.585	0.125	9.599	-0.120	9.610	-0.157	9.845	0.239
7.134	0.161	7.143	0.464	7.152	0.478	7.168	0.376	9.631	-0.030	9.642	-0.024	9.656	-0.097	9.888	-0.054
7.184	0.166	7.194	0.107	7.213	0.091	7.228	0.103	9.681	-0.337	9.690	-0.331	9.703	-0.289		
7.242	0.087	7.252	-0.029	7.267	-0.196	7.278	-0.255	9.727	-0.421	9.733	-0.416	9.744	-0.416		
7.296	-0.250	7.313	-0.266	7.327	-0.368	7.336	-0.427	9.763	-0.275	9.778	-0.291	9.793	-0.329		
7.345	-0.370	7.359	-0.178	7.378	-0.001	7.388	0.105	9.815	0.027	9.825	0.213	9.837	-0.262		
7.396	0.133	7.404	0.046	7.415	-0.121	7.431	-0.252	9.856	0.152	9.870	0.028	9.890	-0.039		

9.911	-0.041	9.929	-0.093	9.938	-0.051	9.948	0.091	12.918	-0.457	12.926	-0.407	12.935	-0.300	12.947	-0.120
9.960	0.234	9.973	0.304	9.989	0.302	10.000	0.157	12.959	0.109	12.967	0.260	12.978	0.396	12.986	0.467
10.006	0.063	10.016	-0.031	10.032	-0.147	10.040	-0.191	12.994	0.525	13.005	0.546	13.018	0.563	13.034	0.633
10.054	-0.149	10.068	-0.057	10.083	0.093	10.089	0.221	13.053	0.609	13.065	0.602	13.076	0.559	13.084	0.501
10.099	0.328	10.115	0.427	10.128	0.519	10.137	0.497	13.095	0.371	13.108	0.198	13.114	0.112	13.124	0.094
10.149	0.309	10.166	0.085	10.184	-0.211	10.192	-0.319	13.134	-0.304	13.145	-0.040	13.155	-0.062	13.165	-0.091
10.203	-0.313	10.216	-0.134	10.227	0.210	10.243	0.488	13.176	-0.091	13.189	-0.034	13.198	-0.006	13.205	0.015
10.255	0.631	10.268	0.673	10.276	0.644	10.285	0.715	13.216	0.029	13.223	0.050	13.233	0.107	13.238	0.143
10.291	0.729	10.299	0.657	10.306	0.584	10.316	0.411	13.247	0.178	13.251	0.185	13.262	0.141	13.276	0.069
10.330	0.180	10.337	0.072	10.346	0.042	10.361	0.119	13.283	0.033	13.294	0.018	13.304	0.060	13.315	0.160
10.371	0.154	10.385	0.131	10.400	0.065	10.419	-0.009	13.318	0.203	13.328	0.260	13.344	0.331	13.358	0.394
10.438	-0.054	10.447	-0.120	10.461	-0.294	10.474	-0.453	13.366	0.408	13.374	0.379	13.387	0.306	13.398	0.248
10.483	-0.633	10.493	-0.814	10.505	-0.916	10.519	-0.932	13.406	0.205	13.416	0.111	13.430	0.009	13.440	-0.027
10.539	-0.377	10.559	-0.965	10.570	-1.009	10.580	-1.039	13.450	-0.042	13.461	-0.028	13.472	0.021	13.482	0.056
10.594	-1.026	10.606	-0.984	10.623	-0.842	10.637	-0.678	13.474	0.055	13.488	0.047	13.526	0.060	13.542	0.087
10.652	-0.535	10.667	-0.378	10.677	-0.292	10.692	-0.127	13.558	0.121	13.568	0.128	13.583	0.148	13.600	0.175
10.709	-0.013	10.725	0.101	10.742	0.114	10.764	0.113	13.611	0.224	13.624	0.309	13.635	0.344	13.643	0.350
10.784	0.041	10.800	-0.003	10.818	-0.039	10.833	-0.097	13.653	0.320	13.670	0.239	13.681	0.188	13.691	0.108
10.851	-0.169	10.861	-0.169	10.875	-0.005	10.885	0.103	13.702	0.035	13.711	0.012	13.720	0.004	13.729	0.011
10.899	0.102	10.908	0.009	10.919	-0.085	10.926	-0.092	13.748	0.138	13.768	0.266	13.782	0.372	13.794	0.393
10.938	-0.006	10.950	0.094	10.970	0.108	10.986	0.028	13.802	0.357	13.813	0.248	13.823	0.132	13.834	0.017
11.005	-0.015	11.025	-0.052	11.048	-0.081	11.062	-0.046	13.849	-0.085	13.865	-0.158	13.882	-0.188	13.897	-0.218
11.079	0.104	11.094	0.205	11.109	0.247	11.125	0.204	13.903	-0.218	13.916	-0.190	13.932	-0.119	13.946	-0.077
11.137	0.081	11.151	-0.056	11.164	-0.171	11.174	-0.143	13.960	-0.013	13.972	0.065	13.983	0.114	14.000	0.157
11.188	0.007	11.198	0.071	11.214	0.056	11.230	-0.045	14.014	0.170	14.022	0.147	14.034	0.063	14.047	-0.063
11.246	-0.125	11.262	-0.176	11.279	-0.213	11.289	-0.336	14.059	-0.136	14.076	-0.202	14.084	-0.217	14.097	-0.253
11.299	-0.466	11.309	-0.582	11.325	-0.691	11.338	-0.713	14.110	-0.319	14.120	-0.370	14.132	-0.407	14.145	-0.415
11.354	-0.592	11.368	-0.472	11.386	-0.358	11.401	-0.244	14.159	-0.424	14.170	-0.410	14.180	-0.354	14.195	-0.204
11.422	-0.203	11.440	-0.261	11.448	-0.226	11.463	-0.047	14.208	-0.026	14.218	0.131	14.229	0.202	14.239	0.223
11.473	0.053	11.489	0.087	11.504	0.050	11.521	0.035	14.249	0.215	14.258	0.200	14.268	0.149	14.279	0.105
11.544	0.077	11.566	0.105	11.587	0.132	11.605	0.218	14.293	0.089	14.308	0.088	14.320	0.080	14.329	0.093
11.618	0.260	11.640	0.238	11.656	0.223	11.673	0.128	14.343	0.150	14.360	0.227	14.375	0.298	14.391	0.361
11.692	0.112	11.711	0.032	11.731	0.038	11.754	0.036	14.404	0.396	14.413	0.424	14.421	0.460	14.435	0.581
11.762	0.072	11.781	0.178	11.803	0.277	11.815	0.334	14.443	0.652	14.456	0.680	14.465	0.679	14.473	0.621
11.829	0.246	11.835	0.081	11.850	-0.057	11.864	-0.223	14.490	0.490	14.497	0.425	14.506	0.389	14.516	0.374
11.882	-0.425	11.896	-0.577	11.908	-0.628	11.927	-0.586	14.529	0.358	14.538	0.329	14.546	0.278	14.554	0.184
11.943	-0.666	11.952	-0.667	11.963	-0.531	11.975	-0.266	14.568	0.082	14.574	0.038	14.581	0.016	14.597	0.0
11.985	-0.073	11.998	0.055	12.015	0.076	12.031	0.104	14.610	0.013	14.626	-0.002	14.640	-0.047	14.652	-0.084
12.048	0.081	12.058	0.102	12.075	0.266	12.093	0.444	14.654	-0.106	14.679	-0.115	14.692	-0.116	14.701	-0.138
12.108	0.457	12.125	0.356	12.142	0.405	12.156	0.519	14.716	-0.212	14.726	-0.270	14.736	-0.328	14.749	-0.330
12.170	0.626	12.182	0.668	12.156	0.666	12.214	0.564	14.758	-0.331	14.763	-0.353	14.774	-0.418	14.782	-0.484
12.233	0.440	12.248	0.331	12.267	0.264	12.277	0.199	14.794	-0.571	14.805	-0.629	14.814	-0.652	14.827	-0.632
12.286	0.676	12.293	0.018	12.307	0.085	12.321	-0.095	14.842	-0.597	14.857	-0.577	14.866	-0.542	14.883	-0.472
12.333	-0.068	12.349	-0.027	12.361	-0.072	12.375	-0.146	14.903	-0.402	14.924	-0.310	14.932	-0.275	14.948	-0.255
12.390	-0.235	12.403	-0.352	12.415	-0.440	12.431	-0.507	14.962	-0.256	14.973	-0.271	14.989	-0.316	15.005	-0.339
12.444	-0.466	12.461	-0.361	12.477	-0.262	12.493	-0.178	15.017	-0.340	15.031	-0.327	15.047	-0.293	15.057	-0.272
12.512	-0.167	12.528	-0.169	12.541	-0.163	12.554	-0.215	15.066	-0.259	15.073	-0.274	15.085	-0.318	15.094	-0.334
12.570	-0.281	12.587	-0.325	12.599	-0.341	12.610	-0.262	15.101	-0.349	15.111	-0.299	15.125	-0.229	15.137	-0.159
12.620	-0.163	12.631	-0.135	12.651	-0.085	12.669	0.015	15.147	-0.117	15.166	-0.104	15.179	-0.099	15.193	-0.114
12.685	0.144	12.692	0.179	12.695	0.187	12.701	0.165	15.208	-0.152	15.221	-0.182	15.233	-0.191	15.247	-0.149
12.709	0.122	12.717	0.050	12.726	0.007	12.736	-0.015	15.267	-0.029	15.274	0.027	15.282	0.055	15.298	0.061
12.747	-0.029	12.752	-0.044	12.763	-0.044	12.773	-0.052	15.311	0.366	15.320	0.094	15.335	0.171	15.347	0.213
12.778	-0.073	12.787	-0.138	12.795	-0.196	12.798	-0.224	15.360	0.240	15.371	0.225	15.386	0.180	15.395	0.144
12.809	-0.232	12.819	-0.246	12.827	-0.275	12.836	-0.347	15.408	0.085	15.418	0.070	15.430	0.076	15.449	0.110
12.845	-0.419	12.856	-0.506	12.866	-0.585	12.871	-0.607	15.464	0.122	15.477	0.107	15.496	0.112	15.516	0.139
12.877	-0.614	12.885	-0.600	12.897	-0.572	12.909	-0.507	15.530	0.151	15.544	0.164	15.559	0.183	15.570	0.218

15.582	0.230	15.592	0.222	15.604	0.177	15.621	0.103	18.501	0.124	18.512	0.138	18.520	0.101	18.535	0.043
15.629	0.088	15.642	0.057	15.656	-0.002	15.665	-0.047	18.550	0.3041	18.568	0.054	18.583	0.082	18.595	0.110
15.675	-0.077	15.697	-0.152	15.712	-0.197	15.728	-0.228	18.609	0.101	18.624	0.057	18.635	0.028	18.647	-0.031
15.736	-0.236	15.744	-0.209	15.759	-0.146	15.772	-0.134	18.660	-0.053	18.674	-0.083	18.687	-0.098	18.703	-0.085
15.785	-0.113	15.798	-0.123	15.813	-0.133	15.827	-0.134	18.720	-0.072	18.742	-0.059	18.747	-0.045	18.769	-0.061
15.836	-0.100	15.848	0.006	15.864	0.191	15.874	0.333	18.780	-0.055	18.800	0.001	18.819	0.057	18.834	0.085
15.883	0.389	15.893	0.431	15.907	0.436	15.921	0.413	18.853	0.090	18.871	0.111	18.890	0.152	18.906	0.165
15.930	0.390	15.942	0.338	15.956	0.272	15.967	0.221	18.918	0.129	18.933	0.056	18.948	-0.039	18.963	-0.061
15.975	0.206	15.986	0.176	15.996	0.146	16.008	0.073	18.977	-0.077	18.991	-0.063	19.008	0.014	19.018	0.050
16.017	0.058	16.031	0.056	16.047	0.062	16.067	0.110	19.034	0.056	19.049	0.026	19.067	-0.040	19.085	-0.059
16.087	0.151	16.099	0.200	16.108	0.220	16.115	0.205	19.109	-0.186	19.130	-0.209	19.146	-0.225	19.158	-0.233
16.127	0.168	16.141	0.138	16.153	0.137	16.170	0.165	19.173	-0.205	19.185	-0.184	19.202	-0.164	19.219	-0.129
16.187	0.199	16.201	0.234	16.212	0.233	16.222	0.210	19.228	-0.101	19.239	-0.073	19.256	-0.067	19.269	-0.054
16.242	0.159	16.251	0.122	16.261	0.071	16.273	0.012	19.276	-0.033	19.289	0.031	19.303	0.080	19.314	0.115
16.281	-0.010	16.293	-0.018	16.310	-0.012	16.330	0.022	19.328	0.129	19.344	0.128	19.356	0.077	19.369	0.061
16.348	0.042	16.367	0.069	16.379	0.082	16.391	0.153	19.383	0.031	19.394	-0.005	19.400	-0.020	19.413	-0.079
16.405	0.238	16.414	0.273	16.426	0.272	16.440	0.199	19.425	-0.087	19.441	-0.074	19.456	-0.053	19.466	-0.004
16.457	0.119	16.473	0.038	16.482	-0.013	16.492	-0.042	19.482	0.095	19.493	0.159	19.503	0.188	19.515	0.215
16.500	-0.329	16.512	0.028	16.521	0.063	16.535	0.084	19.540	0.185	19.556	0.162	19.566	0.133	19.574	0.089
16.553	0.090	16.567	0.096	16.580	0.138	16.597	0.335	19.584	0.017	19.594	-0.034	19.605	-0.078	19.622	-0.086
16.613	0.316	16.623	0.351	16.633	0.357	16.650	0.335	19.639	-0.094	19.657	-0.103	19.675	-0.082	19.693	-0.062
16.663	0.291	16.671	0.247	16.685	0.167	16.700	0.087	19.708	-0.041	19.722	0.001	19.738	0.007	19.747	-0.001
16.709	0.044	16.719	0.022	16.749	0.013	16.745	-0.002	19.758	-0.030	19.771	-0.067	19.786	-0.060	19.799	-0.047
16.755	-0.345	16.770	-0.382	16.781	-0.090	16.795	-0.076	19.815	-0.362	19.836	-0.078	19.847	-0.064	19.869	-0.015
16.808	-0.019	16.816	-0.005	16.828	-0.006	16.847	-0.021	19.883	0.006	19.902	-0.003	19.927	-0.004	19.948	-0.041
16.863	0.022	16.889	0.012	16.903	0.040	16.914	0.039	19.958	-0.063	19.972	-0.121	19.986	-0.165	19.999	-0.232
16.977	-0.172	16.991	-0.202	17.002	-0.253	17.012	-0.275	20.014	-0.202	20.025	-0.196	20.040	-0.132	20.049	-0.089
17.019	-0.283	17.029	-0.262	17.046	-0.192	17.060	-0.121	20.069	-0.055	20.090	-0.020	20.109	-0.008	20.125	0.051
17.072	-0.086	17.080	-0.080	17.099	-0.095	17.112	-0.089	20.143	0.065	20.159	0.086	20.177	0.107	20.187	0.093
17.135	-0.055	17.154	-0.035	17.171	-0.029	17.182	-0.045	20.195	0.056	20.206	-0.023	20.217	-0.109	20.225	-0.159
17.195	-0.089	17.208	-0.162	17.229	-0.243	17.239	-0.280	20.234	-0.181	20.243	-0.188	20.257	-0.146	20.273	-0.103
17.246	-0.095	17.254	-0.289	17.271	-0.248	17.288	-0.200	20.291	-0.360	20.311	-0.025	20.321	-0.003	20.336	0.054
17.308	-0.159	17.325	-0.132	17.334	-0.133	17.341	-0.155	20.346	0.068	20.360	0.075	20.375	0.082	20.388	0.096
17.359	-0.215	17.373	-0.252	17.379	-0.267	17.389	-0.276	20.405	0.088	20.424	0.080	20.436	0.087	20.446	0.144
17.402	-0.234	17.415	-0.143	17.429	-0.058	17.439	-0.031	20.457	0.194	20.473	0.230	20.487	0.229	20.502	0.222
17.447	-0.024	17.454	-0.032	17.471	-0.085	17.484	-0.122	20.516	0.171	20.529	0.113	20.548	0.047	20.562	0.017
17.494	-0.123	17.504	-0.113	17.522	-0.341	17.536	-0.006	20.578	-0.005	20.596	-0.021	20.606	-0.021	20.619	-0.008
17.547	0.007	17.559	-0.001	17.572	-0.053	17.585	-0.165	20.637	0.034	20.647	0.069	20.659	0.076	20.667	0.046
17.597	-0.127	17.606	-0.128	17.621	-0.101	17.639	-0.360	20.677	0.003	20.685	-0.019	20.695	-0.034	20.709	-0.021
17.655	-0.026	17.673	-0.013	17.682	0.0	17.697	0.056	20.728	0.006	20.745	0.034	20.764	0.047	20.774	0.382
17.713	0.098	17.732	0.110	17.740	0.081	17.751	0.001	20.789	0.117	20.805	0.102	20.822	0.065	20.839	0.013
17.762	-0.079	17.770	-0.123	17.783	-0.139	17.798	-0.155	20.847	-0.009	20.855	-0.017	20.868	0.040	20.883	0.375
17.811	-0.170	17.833	-0.194	17.851	-0.174	17.863	-0.125	20.893	0.074	20.907	0.030	20.925	-0.007	20.944	-0.030
17.889	-0.006	17.897	0.008	17.907	0.008	17.909	0.014	20.958	-0.052	20.972	-0.061	20.984	-0.061	20.999	-0.034
17.924	0.035	17.941	0.018	17.953	0.060	17.970	0.145	21.012	-0.035	21.029	-0.050	21.042	-0.058	21.052	-0.037
17.984	0.186	17.995	0.193	18.007	0.163	18.018	0.164	21.065	0.033	21.072	0.062	21.078	0.090	21.090	0.053
18.029	0.017	18.040	-0.049	18.051	-0.122	18.063	-0.187	21.104	-0.020	21.121	-0.064	21.141	-0.095	21.164	-0.104
18.075	-0.217	18.086	-0.218	18.099	-0.205	18.117	-0.156	21.182	-0.112	21.192	-0.113	21.209	-0.072	21.224	-0.058
18.130	0.255	18.147	0.029	18.163	0.092	18.179	0.206	21.234	-0.059	21.247	-0.074	21.260	-0.111	21.275	-0.134
18.190	0.255	18.201	0.290	18.221	0.311	18.242	0.323	21.290	0.128	21.307	0.093	21.325	-0.109	21.344	-0.125
18.250	0.337	18.262	0.387	18.274	0.407	18.286	0.378	21.362	-0.112	21.380	-0.084	21.394	-0.100	21.412	-0.137
18.301	0.305	18.309	0.247	18.317	0.224	18.328	0.216	21.428	-0.145	21.445	-0.111	21.462	-0.054	21.478	-0.009
18.342	0.338	18.355	0.371	18.369	0.113	18.379	0.019	21.492	0.315	21.510	0.014	21.527	0.020	21.545	-0.033
18.389	-0.061	18.397	-0.076	18.410	-0.084	18.431	-0.064	21.555	-0.032	21.567	-0.076	21.578	-0.113	21.587	-0.128
18.448	-0.058	18.462	-0.045	18.475	0.004	18.489	0.082	21.600	-0.115	21.614	-0.080	21.626	-0.052	21.644	-0.039
								21.655	-0.019	21.664	0.024	21.679	0.058	21.693	0.057

21.706	0.056	21.720	0.077	21.731	0.126	21.749	0.204	24.942	0.117	24.961	0.086	24.972	0.027	24.984	-0.010
21.771	0.245	21.782	0.258	21.794	0.236	21.810	0.156	24.998	-0.047	25.014	-0.063	25.035	-0.065	25.050	-0.052
21.823	0.104	21.831	0.082	21.843	0.095	21.861	0.130	25.064	-0.010	25.073	0.053	25.082	0.081	25.098	0.072
21.877	0.135	21.891	0.120	21.906	0.082	21.920	0.031	25.121	0.055	25.140	0.046	25.156	0.057	25.171	0.065
21.933	-0.049	21.944	-0.129	21.954	-0.159	21.965	-0.182	25.184	0.092	25.194	0.098	25.204	0.097	25.218	0.080
21.980	-0.176	21.995	-0.156	22.003	-0.156	22.013	-0.172	25.232	0.064	25.245	0.047	25.258	0.002	25.274	-0.043
22.025	-0.209	22.033	-0.238	22.045	-0.232	22.059	-0.176	25.289	-0.081	25.299	-0.104	25.312	-0.099	25.333	-0.096
22.073	-0.098	22.088	-0.035	22.106	-0.001	22.125	0.026	25.347	-0.072	25.361	-0.026	25.379	0.025	25.391	0.044
22.144	0.318	22.165	0.323	22.185	0.322	22.206	0.020	25.402	0.058	25.412	0.073	25.422	0.087	25.434	0.101
22.224	0.002	22.238	0.032	22.252	-0.054	22.266	-0.063	25.441	0.109	25.451	0.116	25.455	0.130	25.466	0.152
22.285	-0.050	22.302	-0.029	22.315	0.013	22.327	0.077	25.474	0.166	25.481	0.195	25.491	0.217	25.504	0.210
22.336	0.105	22.353	0.126	22.372	0.133	22.383	0.118	25.517	0.181	25.530	0.138	25.536	0.117	25.548	0.102
22.401	0.074	22.419	0.016	22.433	-0.021	22.447	-0.035	25.560	0.065	25.575	0.042	25.592	0.041	25.604	0.025
22.465	-0.343	22.479	-0.358	22.494	-0.059	22.502	-0.031	25.613	0.003	25.622	-0.019	25.634	-0.042	25.648	-0.036
22.521	0.069	22.529	0.119	22.539	0.133	22.551	0.133	25.663	-0.008	25.675	0.019	25.687	0.061	25.701	0.103
22.566	0.125	22.580	0.110	22.591	0.095	22.599	0.073	25.718	0.115	25.738	0.092	25.753	0.054	25.768	0.002
22.609	0.051	22.617	0.037	22.629	0.043	22.642	0.079	25.784	-0.021	25.800	-0.036	25.812	-0.058	25.825	-0.087
22.656	0.107	22.672	0.113	22.692	0.112	22.708	0.089	25.842	-0.073	25.859	-0.059	25.876	-0.031	25.891	-0.003
22.724	0.073	22.733	0.044	22.744	0.014	22.755	-0.002	25.903	0.018	25.915	0.032	25.928	0.067	25.941	0.081
22.776	0.003	22.798	0.007	22.817	0.011	22.834	0.009	25.955	0.087	25.970	0.101	25.985	0.093	26.000	0.092
22.846	0.043	22.861	0.062	22.880	0.045	22.902	0.056	26.013	0.105	26.020	0.091	26.035	0.068	26.046	0.024
22.915	0.083	22.934	0.131	22.945	0.158	22.952	0.164	26.064	-0.036	26.073	-0.036	26.086	-0.052	26.103	-0.040
22.962	0.141	22.978	0.103	22.992	0.073	23.005	0.064	26.118	-0.013	26.137	-0.015	26.155	-0.017	26.178	-0.026
23.019	0.070	23.029	0.077	23.042	0.083	23.053	0.039	26.190	0.002	26.205	0.029	26.219	0.078	26.233	0.077
23.066	-0.048	23.079	-0.113	23.093	-0.142	23.099	-0.157	26.248	0.088	26.264	0.075	26.281	0.074	26.292	0.088
23.109	-0.150	23.122	-0.129	23.135	-0.130	23.147	-0.137	26.302	0.088	26.316	0.059	26.327	0.015	26.341	-0.013
23.162	-0.152	23.176	-0.138	23.190	-0.117	23.210	-0.104	26.357	-0.007	26.366	0.022	26.379	0.072	26.389	0.072
23.217	-0.083	23.233	0.003	23.247	0.031	23.261	0.045	26.403	0.085	26.416	0.063	26.424	0.027	26.439	-0.010
23.275	0.044	23.288	0.037	23.299	0.050	23.312	0.064	26.457	-0.061	26.472	-0.062	26.491	-0.070	26.504	-0.029
23.330	0.048	23.343	-0.018	23.357	-0.069	23.375	-0.092	26.517	-0.002	26.532	-0.011	26.547	-0.041	26.568	-0.073
23.392	-0.100	23.412	-0.116	23.432	-0.089	23.450	-0.054	26.587	-0.104	26.606	-0.112	26.627	-0.121	26.647	-0.101
23.463	-0.012	23.475	-0.008	23.494	0.0	23.512	-0.009	26.662	-0.110	26.684	-0.119	26.697	-0.120	26.718	-0.106
23.528	-0.039	23.548	-0.076	23.563	-0.092	23.583	-0.072	26.741	-0.113	26.763	-0.078	26.771	-0.078	26.788	-0.049
23.592	-0.073	23.605	-0.082	23.629	-0.084	23.646	-0.057	26.806	-0.028	26.831	-0.043	26.846	-0.086	26.857	-0.101
23.659	-0.022	23.676	0.034	23.682	0.055	23.700	0.067	26.872	-0.144	26.890	-0.152	26.902	-0.152	26.921	-0.138
23.716	0.066	23.733	0.071	23.748	0.099	23.763	0.119	26.939	-0.103	26.954	-0.047	26.972	-0.020	26.987	0.015
23.775	0.082	23.786	0.045	23.800	0.036	23.817	0.071	27.001	0.035	27.015	0.041	27.031	0.025	27.044	0.017
23.830	0.091	23.849	0.118	23.866	0.124	23.881	0.152	27.061	0.044	27.072	0.072	27.087	0.073	27.103	0.033
23.898	0.157	23.912	0.142	23.932	0.076	23.950	0.038	27.122	-0.026	27.138	-0.050	27.159	-0.065	27.174	-0.079
23.969	0.015	23.986	-0.001	24.002	-0.024	24.017	-0.025	27.186	-0.079	27.200	-0.001	27.214	0.049	27.225	-0.056
24.034	0.003	24.049	0.030	24.061	0.043	24.073	0.006	27.236	0.049	27.250	0.020	27.268	0.013	27.287	0.027
24.085	-0.030	24.096	-0.060	24.114	-0.061	24.129	-0.041	27.303	0.027	27.316	0.013	27.327	-0.016	27.343	-0.030
24.146	0.022	24.159	0.071	24.169	0.085	24.183	0.076	27.358	-0.037	27.375	-0.016	27.392	-0.016	27.411	-0.060
24.203	0.053	24.217	0.023	24.239	-0.001	24.263	-0.024	27.432	-0.083	27.437	-0.062	27.454	-0.026	27.468	0.002
24.282	-0.041	24.299	-0.064	24.314	-0.073	24.333	-0.067	27.488	0.037	27.504	0.065	27.512	0.079	27.525	0.100
24.346	-0.061	24.360	-0.063	24.368	-0.085	24.379	-0.122	27.536	0.106	27.544	0.127	27.556	0.127	27.568	0.105
24.389	-0.159	24.399	-0.174	24.408	-0.175	24.426	-0.184	27.580	0.061	27.590	0.010	27.603	-0.005	27.616	-0.048
24.439	-0.178	24.458	-0.166	24.470	-0.145	24.482	-0.125	27.624	-0.063	27.637	-0.071	27.650	-0.043	27.660	-0.022
24.493	-0.126	24.505	-0.120	24.521	-0.129	24.538	-0.131	27.672	-0.006	27.683	0.027	27.695	0.041	27.708	0.033
24.548	-0.117	24.558	-0.090	24.575	-0.013	24.587	0.022	27.717	0.025	27.736	0.017	27.746	0.023	27.761	0.015
24.600	0.050	24.612	0.041	24.624	0.026	24.633	0.003	27.776	-0.008	27.796	-0.003	27.814	0.010	27.841	0.008
24.646	-0.015	24.657	-0.044	24.671	-0.024	24.685	0.002	27.862	-0.008	27.879	-0.039	27.897	-0.033	27.911	-0.004
24.698	0.036	24.710	0.048	24.720	0.046	24.731	0.038	27.930	-0.034	27.947	-0.070	27.971	-0.055	27.989	-0.034
24.740	0.029	24.754	-0.009	24.772	-0.020	24.789	-0.022	28.021	-0.019	28.051	0.002	28.076	0.031	28.096	0.060
24.806	-0.011	24.823	-0.013	24.836	-0.038	24.846	-0.032	28.111	0.068	28.133	0.068	28.157	0.047	28.181	0.040
24.863	0.008	24.882	0.048	24.903	0.087	24.925	0.112	28.204	0.018	28.223	-0.004	28.236	-0.012	28.254	-0.026

28.268	-0.034	28.285	-0.063	28.304	-0.063	28.318	-0.063	32.396	-0.069	32.409	-0.062	32.432	-0.063	32.445	-0.064
28.339	-0.071	28.358	-0.072	28.373	-0.072	28.393	-0.073	32.462	-0.050	32.486	-0.044	32.508	-0.038	32.521	-0.038
28.414	-0.052	28.430	-0.053	28.449	-0.068	28.469	-0.054	32.537	-0.046	32.555	-0.033	32.569	-0.026	32.587	-0.027
28.490	-0.033	28.513	-0.005	28.540	-0.005	28.560	0.001	32.601	-0.057	32.616	-0.093	32.643	-0.130	32.660	-0.124
28.580	0.001	28.595	-0.006	28.619	-0.014	28.644	-0.022	32.676	-0.146	32.694	-0.154	32.715	-0.141	32.737	-0.106
28.661	-0.022	28.682	-0.030	28.703	-0.066	28.719	-0.081	32.749	-0.099	32.769	-0.078	32.786	-0.036	32.798	-0.015
28.734	-0.067	28.749	-0.032	28.763	-0.011	28.785	-0.019	32.821	-0.001	32.842	-0.002	32.857	0.038	32.874	0.038
28.800	-0.012	28.818	-0.023	28.838	0.044	28.849	0.030	32.887	0.073	32.902	0.100	32.921	0.113	32.937	0.118
28.863	0.008	28.875	0.008	28.888	0.037	28.897	0.059	32.955	0.145	32.974	0.163	32.997	0.166	33.016	0.141
28.922	0.045	28.933	0.031	28.944	0.024	28.961	0.003	33.030	0.124	33.043	0.100	33.059	0.061	33.077	0.036
28.978	-0.011	28.995	-0.011	29.011	0.011	29.027	0.040	33.095	0.012	33.116	-0.012	33.140	-0.037	33.158	-0.011
29.044	0.054	29.059	0.069	29.071	0.083	29.090	0.076	33.177	0.015	33.196	0.043	33.215	0.071	33.236	0.070
29.113	0.074	29.127	0.044	29.145	0.029	29.156	-0.001	33.261	0.069	33.276	0.055	33.296	0.061	33.323	0.074
29.173	-0.023	29.192	-0.010	29.205	0.018	29.220	0.038	33.342	0.088	33.370	0.101	33.397	0.099	33.423	0.089
29.232	0.066	29.242	0.081	29.256	0.073	29.273	0.044	33.450	0.071	33.477	0.068	33.499	0.044	33.518	0.064
29.288	0.022	29.299	-0.007	29.313	-0.036	29.326	-0.072	33.542	0.089	33.559	0.095	33.577	0.085	33.606	0.082
29.334	-0.087	29.347	-0.095	29.366	-0.081	29.378	-0.066	33.622	0.095	33.644	0.094	33.657	0.065	33.682	0.071
29.395	-0.066	29.409	-0.081	29.432	-0.059	29.448	-0.028	33.703	0.084	33.719	0.076	33.733	0.068	33.755	0.090
29.459	-0.009	29.476	-0.002	29.500	0.005	29.510	-0.009	33.777	0.104	33.797	0.103	33.812	0.103	33.822	0.089
29.527	-0.023	29.541	-0.024	29.555	-0.026	29.580	-0.071	33.840	0.045	33.854	0.023	33.872	0.015	33.883	0.014
29.603	-0.080	29.614	-0.074	29.638	-0.040	29.661	-0.028	33.896	0.006	33.908	-0.009	33.923	-0.031	33.944	-0.025
29.681	-0.044	29.687	-0.017	29.707	-0.012	29.719	-0.006	33.966	-0.005	33.987	0.001	34.002	-0.014	34.023	-0.008
29.742	-0.017	29.760	0.003	29.778	0.036	29.803	0.047	34.036	0.006	34.055	0.027	34.060	0.026	34.077	0.019
29.830	0.038	29.856	0.014	29.874	-0.037	29.888	-0.060	34.096	-0.004	34.111	-0.005	34.129	-0.013	34.149	-0.021
29.905	-0.061	29.925	-0.034	29.947	0.002	29.971	-0.004	34.162	-0.029	34.180	-0.038	34.199	-0.077	34.215	-0.072
29.994	-0.004	30.015	-0.011	30.036	0.004	30.056	0.026	34.231	-0.081	34.240	-0.053	34.253	-0.026	34.266	0.038
30.077	0.012	30.097	-0.003	30.108	-0.010	30.128	-0.017	34.281	0.027	34.295	0.026	34.318	0.024	34.335	0.023
30.157	-0.005	30.188	-0.022	30.212	-0.060	30.222	-0.083	34.353	0.022	34.371	0.027	34.388	0.040	34.407	0.052
30.237	-0.084	30.252	-0.050	30.268	-0.037	30.285	-0.017	34.427	0.047	34.443	0.012	34.457	-0.010	34.472	-0.062
30.303	-0.005	30.315	0.023	30.327	0.051	30.340	0.056	34.493	-0.052	34.511	-0.045	34.515	-0.045	34.528	-0.066
30.348	0.070	30.357	0.076	30.369	0.061	30.378	0.052	34.549	-0.094	34.554	-0.116	34.566	-0.116	34.582	-0.051
30.393	0.044	30.407	0.036	30.424	0.014	30.438	0.013	34.593	0.0	34.603	0.029	34.618	0.043	34.634	0.051
30.450	-0.017	30.468	-0.018	30.484	-0.026	30.512	-0.013	34.650	0.058	34.670	0.050	34.685	0.050	34.695	0.035
30.539	-0.013	30.573	-0.014	30.586	-0.007	30.610	0.021	34.708	-0.015	34.729	-0.008	34.747	0.020	34.767	0.027
30.621	0.042	30.633	0.049	30.643	0.055	30.664	0.076	34.782	0.027	34.801	0.048	34.817	0.047	34.832	0.046
30.681	0.082	30.703	0.074	30.724	0.051	30.745	0.034	34.850	0.059	34.859	0.052	34.881	0.007	34.899	-0.037
30.761	0.018	30.776	0.010	30.796	0.015	30.814	0.027	34.915	-0.037	34.929	-0.045	34.949	-0.045	34.969	-0.024
30.835	0.047	30.850	0.067	30.863	0.080	30.880	0.085	34.984	-0.026	34.999	0.054	35.016	0.089	35.032	0.118
30.901	0.098	30.924	0.096	30.935	0.088	30.954	0.058	35.056	0.125	35.072	0.133	35.092	0.112	35.108	0.084
30.971	0.007	30.987	-0.015	31.006	-0.038	31.024	-0.031	35.121	0.085	35.145	-0.086	35.165	-0.051	35.176	0.015
31.042	-0.011	31.065	-0.011	31.089	-0.033	31.109	-0.026	35.190	-0.028	35.203	-0.028	35.217	-0.042	35.228	-0.070
31.139	0.017	31.163	0.038	31.181	0.044	31.206	0.042	35.243	-0.099	35.264	-0.070	35.280	-0.041	35.294	-0.021
31.224	0.027	31.244	0.011	31.259	0.010	31.273	-0.005	35.311	0.0	35.328	-0.006	35.347	-0.030	35.363	-0.060
31.294	-0.028	31.317	-0.022	31.336	-0.002	31.353	0.011	35.379	0.082	35.388	-0.075	35.406	-0.054	35.425	-0.048
31.370	0.024	31.393	0.008	31.411	0.014	31.428	0.005	35.438	-0.063	35.454	-0.049	35.473	-0.035	35.489	-0.036
31.454	0.018	31.478	0.016	31.496	0.022	31.520	0.013	35.506	-0.013	35.516	-0.013	35.530	-0.048	35.543	-0.076
31.546	0.005	31.571	-0.011	31.596	-0.048	31.621	-0.056	35.564	-0.068	35.580	-0.032	35.599	-0.017	35.613	0.006
31.643	-0.078	31.668	-0.057	31.691	-0.029	31.710	-0.001	35.632	0.035	35.650	0.072	35.672	0.073	35.678	0.074
31.729	0.028	31.756	0.020	31.779	-0.002	31.794	-0.017	35.696	0.039	35.710	0.032	35.733	0.062	35.743	0.063
31.809	-0.004	31.835	0.017	31.848	0.002	31.874	-0.007	35.759	0.070	35.782	0.049	35.801	0.006	35.819	-0.008
31.895	-0.036	31.922	-0.023	31.939	0.006	31.960	0.019	35.839	-0.015	35.857	0.007	35.873	0.014	35.894	0.0
31.986	0.011	32.014	0.032	32.035	-0.007	32.055	0.060	35.910	0.007	35.940	0.057	35.949	0.086	35.966	0.093
32.076	0.052	32.102	0.037	32.123	-0.009	32.139	-0.044	35.982	0.078	35.997	0.042	36.009	0.013	36.018	-0.001
32.158	-0.052	32.181	-0.025	32.205	0.009	32.225	0.0	36.037	0.013	36.050	0.063	36.063	0.084	36.078	0.076
32.250	-0.009	32.275	-0.010	32.292	-0.019	32.307	-0.041	36.090	0.040	36.097	0.032	36.112	0.024	36.128	0.030
32.327	-0.043	32.334	-0.043	32.354	-0.045	32.372	-0.053	36.142	0.037	36.163	0.014	36.173	-0.001	36.182	0.006

36.202	0.012	36.210	0.018	36.220	0.025	36.230	0.010	39.400	0.057	39.416	0.028	39.431	0.005	39.446	-0.011
36.240	0.009	36.252	0.030	36.264	0.043	36.277	0.064	39.463	-0.026	39.478	-0.042	39.491	-0.057	39.505	-0.051
36.290	0.063	36.300	0.062	36.316	0.061	36.326	0.089	39.517	-0.052	39.530	-0.053	39.546	-0.047	39.560	-0.048
36.338	0.088	36.350	0.080	36.367	0.086	36.379	0.086	39.573	-0.049	39.586	-0.035	39.599	-0.022	39.615	-0.030
36.393	0.078	36.408	0.070	36.420	0.048	36.433	0.048	39.628	-0.031	39.643	-0.040	39.657	-0.027	39.671	0.001
36.448	0.069	36.462	0.090	36.467	0.090	36.479	0.068	39.687	0.021	39.704	0.034	39.722	0.033	39.741	0.024
36.493	0.031	36.506	0.038	36.524	0.045	36.534	0.059	39.756	0.001	39.767	0.022	39.784	0.020	39.798	0.012
36.549	0.066	36.566	0.029	36.577	0.029	36.590	0.043	39.812	-0.004	39.825	-0.012	39.837	0.001	39.851	0.0
36.604	0.043	36.616	0.049	36.627	0.078	36.645	0.099	39.861	0.006	39.875	-0.025	39.893	-0.034	39.906	-0.042
36.660	0.098	36.680	0.104	36.699	0.082	36.708	0.060	39.924	-0.052	39.934	-0.038	39.945	-0.018	39.959	0.002
36.723	0.038	36.739	0.023	36.752	-0.013	36.771	-0.007	39.973	0.007	39.989	-0.031	40.005	-0.003	40.023	-0.012
36.784	0.006	36.802	0.026	36.823	0.025	36.841	0.032	40.040	0.001	40.058	0.021	40.072	0.034	40.089	0.012
36.860	0.087	36.884	0.121	36.906	0.141	36.923	0.125	40.109	0.017	40.124	0.017	40.144	0.023	40.158	0.008
36.935	0.096	36.951	0.081	36.969	0.044	36.987	0.114	40.174	0.015	40.190	0.022	40.211	0.014	40.231	0.001
37.006	-0.008	37.020	-0.030	37.035	-0.045	37.057	-0.025	40.250	0.006	40.270	0.005	40.290	0.003	40.309	-0.005
37.086	0.004	37.099	0.011	37.123	0.025	37.143	0.047	40.328	-0.021	40.348	-0.037	40.368	-0.052	40.385	-0.061
37.164	0.061	37.183	0.040	37.201	0.025	37.222	0.040	40.403	-0.055	40.421	-0.042	40.435	-0.022	40.449	-0.009
37.243	0.054	37.265	0.054	37.284	0.004	37.303	-0.054	40.463	0.018	40.477	0.038	40.495	0.037	40.511	0.035
37.321	-0.090	37.336	-0.083	37.349	-0.062	37.368	-0.055	40.528	0.048	40.544	0.047	40.564	0.045	40.581	0.030
37.385	-0.062	37.403	-0.069	37.419	-0.055	37.434	-0.055	40.596	0.0	40.617	-0.016	40.638	-0.025	40.656	-0.018
37.450	-0.056	37.462	-0.049	37.480	-0.028	37.494	-0.006	40.675	0.003	40.691	0.009	40.710	0.009	40.728	0.015
37.504	-0.037	37.519	-0.007	37.536	0.007	37.550	-0.001	40.745	0.036	40.760	0.036	40.776	0.035	40.791	0.020
37.567	0.013	37.579	0.028	37.590	0.042	37.604	0.056	40.811	0.011	40.826	0.018	40.842	0.024	40.860	0.030
37.616	0.048	37.629	0.033	37.648	0.032	37.663	0.039	40.880	0.029	40.901	0.062	40.916	0.046	40.931	0.037
37.682	0.067	37.700	0.095	37.718	0.094	37.737	0.079	40.946	0.028	40.962	0.033	40.977	0.038	40.994	0.029
37.754	0.056	37.772	0.063	37.787	0.040	37.798	0.011	41.010	0.042	41.026	0.047	41.048	0.052	41.065	0.035
37.816	0.003	37.828	0.017	37.843	0.031	37.861	0.038	41.083	0.034	41.100	0.017	41.117	-0.006	41.132	-0.008
37.871	0.030	37.885	0.023	37.901	0.008	37.918	0.023	41.147	-0.016	41.164	-0.010	41.177	-0.025	41.193	-0.026
37.931	0.030	37.947	0.044	37.960	0.044	37.975	0.043	41.210	-0.020	41.224	-0.028	41.241	-0.022	41.259	-0.016
37.987	0.042	38.000	0.049	38.017	0.041	38.033	0.047	41.270	-0.009	41.281	-0.033	41.297	-0.003	41.315	-0.004
38.053	0.046	38.072	0.058	38.093	0.063	38.111	0.054	41.332	0.002	41.346	0.001	41.360	-0.007	41.373	0.0
38.125	0.045	38.144	0.029	38.160	0.048	38.175	0.048	41.387	0.002	41.401	0.026	41.417	0.039	41.433	0.052
38.177	0.061	38.189	0.053	38.192	0.053	38.194	0.045	41.449	0.058	41.464	0.042	41.481	0.047	41.499	0.039
38.197	0.045	38.200	0.045	38.201	0.045	38.216	0.036	41.516	0.037	41.537	0.028	41.554	0.048	41.570	0.047
38.228	0.035	38.239	0.034	38.255	0.040	38.269	0.039	41.584	0.031	41.599	0.023	41.610	0.015	41.625	0.042
38.280	0.038	38.292	0.051	38.309	0.042	38.321	0.049	41.639	0.041	41.651	0.047	41.662	0.032	41.678	0.038
38.331	0.062	38.345	0.054	38.358	0.053	38.368	0.052	41.695	0.051	41.710	0.071	41.726	0.077	41.741	0.062
38.375	0.074	38.390	0.065	38.401	0.057	38.413	0.042	41.755	0.039	41.774	0.045	41.787	0.052	41.804	0.029
38.427	0.027	38.439	0.026	38.453	-0.011	38.466	-0.004	41.818	0.013	41.832	0.005	41.846	0.011	41.862	0.024
38.480	-0.020	38.491	-0.027	38.505	-0.021	38.518	-0.022	41.876	0.030	41.893	0.043	41.909	0.048	41.927	0.025
38.527	0.0	38.535	-0.001	38.548	0.006	38.560	0.012	41.947	0.023	41.964	0.007	41.980	-0.009	41.998	-0.010
38.574	0.012	38.591	0.011	38.606	0.017	38.617	0.024	42.014	-0.012	42.029	-0.020	42.046	0.0	42.063	0.005
38.624	0.016	38.636	0.030	38.650	0.030	38.664	0.022	42.080	0.011	42.098	0.002	42.114	-0.006	42.129	-0.022
38.677	0.029	38.686	0.022	38.698	-0.007	38.714	-0.008	42.141	-0.023	42.157	0.005	42.169	0.004	42.186	-0.011
38.728	0.006	38.738	0.020	38.753	0.041	38.770	0.033	42.205	-0.027	42.218	-0.013	42.231	-0.007	42.249	0.013
38.778	0.026	38.791	0.011	38.805	0.010	38.817	0.016	42.267	0.019	42.284	0.011	42.302	0.010	42.317	-0.004
38.832	0.008	38.844	0.022	38.859	0.021	38.870	0.006	42.334	-0.005	42.348	-0.012	42.366	-0.034	42.379	-0.049
38.884	0.005	38.900	0.004	38.912	-0.004	38.928	-0.006	42.397	-0.042	42.416	-0.050	42.432	-0.050	42.450	-0.050
38.945	-0.008	38.959	-0.038	38.970	-0.039	38.984	0.010	42.465	-0.036	42.481	-0.029	42.499	-0.008	42.518	0.006
39.002	0.037	39.019	0.064	39.033	0.085	39.049	0.083	42.534	0.013	42.548	0.020	42.562	0.049	42.577	0.062
39.065	0.082	39.079	0.059	39.091	0.036	39.109	0.049	42.594	0.035	42.609	0.046	42.623	0.045	42.638	0.044
39.125	0.055	39.139	0.047	39.154	0.046	39.166	0.081	42.657	0.035	42.675	0.027	42.688	0.012	42.704	-0.004
39.179	0.102	39.192	0.094	39.205	0.079	39.220	0.056	42.719	-0.012	42.732	-0.012	42.747	0.008	42.757	0.015
39.237	-0.014	39.250	0.018	39.267	-0.004	39.282	-0.020	42.774	0.014	42.791	0.009	42.805	-0.003	42.823	0.010
39.297	0.041	39.311	0.007	39.323	0.035	39.333	0.027	42.833	0.017	42.850	0.023	42.865	0.037	42.881	0.044
39.344	0.062	39.359	0.075	39.373	0.081	39.387	0.080	42.899	0.051	42.916	0.050	42.935	0.050	42.952	0.042

42.968	0.049	42.985	0.041	43.002	0.033	43.018	0.025
43.031	0.018	43.044	0.010	43.063	0.016	43.076	0.037
43.091	0.037	43.109	0.057	43.124	0.064	43.141	0.063
43.160	0.061	43.175	0.068	43.191	0.081	43.207	0.087
43.223	0.094	43.239	0.086	43.251	0.085	43.264	0.077
43.282	0.062	43.299	0.047	43.314	0.054	43.328	0.046
43.346	0.052	43.364	0.052	43.378	0.055	43.393	0.066
43.412	0.065	43.431	0.065	43.453	0.064	43.471	0.049
43.491	0.020	43.509	0.012	43.527	-0.004	43.535	-0.004

2814 PCINTS 43.544 SECCNDS

RESAMPLED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE. THE SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2023 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.021	0.010	-0.029	0.025	-0.008	0.036	-0.030	2.058	0.066	2.070	0.121	2.080	0.077	2.091	-0.016
0.041	-0.044	0.051	-0.024	0.057	-0.046	0.080	-0.060	2.100	-0.067	2.118	-0.077	2.137	-0.122	2.155	-0.076
0.094	-0.038	0.103	-0.002	0.117	-0.004	0.129	0.0	2.168	-0.135	2.179	-0.144	2.190	-0.056	2.215	-0.050
0.136	-0.003	0.150	-0.038	0.161	-0.041	0.180	-0.034	2.227	0.024	2.242	-0.013	2.259	-0.044	2.280	-0.039
0.190	-0.028	0.204	-0.030	0.216	-0.045	0.227	-0.067	2.303	-0.056	2.322	-0.079	2.335	-0.031	2.353	-0.026
0.239	-0.033	0.245	-0.020	0.260	-0.064	0.271	-0.044	2.371	-0.034	2.384	0.035	2.395	0.033	2.409	-0.024
0.285	-0.018	0.299	-0.034	0.313	-0.015	0.324	-0.023	2.423	-0.054	2.444	0.032	2.460	-0.013	2.470	-0.021
0.339	-0.082	0.346	-0.090	0.358	-0.028	0.376	-0.024	2.487	0.021	2.501	-0.053	2.518	-0.072	2.536	-0.045
0.390	-0.033	0.403	-0.042	0.414	-0.020	0.425	0.018	2.552	-0.137	2.571	-0.053	2.584	-0.012	2.603	-0.055
0.438	-0.018	0.454	-0.019	0.464	-0.029	0.482	0.035	2.621	-0.013	2.637	-0.077	2.657	-0.029	2.666	-0.008
0.476	-0.016	0.487	-0.067	0.502	-0.082	0.516	-0.035	2.682	-0.072	2.700	-0.016	2.720	-0.038	2.736	-0.011
0.525	-0.022	0.538	-0.051	0.545	-0.052	0.564	-0.011	2.749	-0.075	2.768	-0.125	2.788	-0.091	2.802	-0.043
0.574	-0.026	0.588	-0.057	0.594	-0.090	0.605	-0.055	2.815	0.061	2.823	0.075	2.840	-0.031	2.855	-0.036
0.621	-0.077	0.638	-0.057	0.651	-0.001	0.660	-0.013	2.871	-0.050	2.885	-0.093	2.906	-0.055	2.915	-0.090
0.672	-0.016	0.687	-0.018	0.703	-0.019	0.719	0.001	2.935	-0.028	2.953	-0.030	2.968	-0.018	2.984	-0.073
0.726	0.0	0.739	-0.072	0.755	-0.017	0.770	-0.032	3.001	0.071	3.010	0.035	3.025	-0.037	3.041	-0.074
0.779	-0.012	0.795	-0.034	0.804	-0.054	0.817	-0.032	3.058	-0.026	3.077	0.007	3.089	-0.069	3.097	-0.026
0.825	-0.041	0.837	-0.022	0.848	-0.087	0.855	-0.109	3.109	-0.066	3.115	-0.067	3.129	-0.018	3.147	-0.069
0.871	-0.069	0.883	-0.036	0.892	-0.009	0.900	-0.032	3.158	-0.020	3.168	0.021	3.177	0.0	3.190	-0.058
0.914	-0.076	0.923	-0.042	0.937	0.006	0.948	-0.058	3.200	-0.023	3.212	0.018	3.233	-0.004	3.249	-0.008
0.958	-0.137	0.969	-0.046	0.979	-0.045	0.988	-0.009	3.266	0.0	3.286	-0.009	3.300	-0.039	3.319	-0.041
1.000	-0.056	1.017	-0.020	1.033	-0.016	1.048	-0.032	3.335	-0.065	3.350	0.054	3.364	-0.088	3.374	-0.012
1.061	-0.033	1.075	-0.008	1.087	-0.056	1.095	-0.078	3.384	0.099	3.398	0.0	3.407	-0.022	3.415	-0.025
1.110	-0.086	1.121	-0.059	1.131	-0.038	1.149	-0.031	3.424	0.010	3.436	-0.055	3.451	-0.072	3.466	-0.102
1.164	-0.001	1.171	-0.007	1.191	0.025	1.199	0.017	3.476	-0.118	3.485	-0.049	3.495	0.041	3.503	-0.028
1.218	-0.042	1.233	-0.019	1.248	0.024	1.265	0.050	3.515	0.003	3.525	0.026	3.546	0.041	3.562	0.045
1.276	-0.013	1.294	-0.038	1.310	-0.040	1.327	-0.154	3.576	0.014	3.583	-0.029	3.591	-0.044	3.607	-0.061
1.334	-0.148	1.343	-0.029	1.351	-0.001	1.358	-0.037	3.623	-0.134	3.631	-0.107	3.645	-0.017	3.652	0.090
1.372	-0.068	1.387	-0.040	1.400	0.001	1.417	0.007	3.672	-0.022	3.688	0.046	3.708	0.071	3.725	0.030
1.436	-0.005	1.460	-0.005	1.474	-0.038	1.491	-0.052	3.743	0.004	3.759	-0.039	3.771	0.016	3.785	-0.022
1.508	-0.004	1.525	-0.081	1.540	-0.152	1.553	-0.174	3.808	0.027	3.825	0.032	3.841	-0.059	3.856	-0.055
1.569	-0.111	1.582	-0.111	1.600	-0.029	1.609	0.070	3.874	-0.077	3.886	-0.170	3.895	-0.156	3.915	-0.087
1.617	0.063	1.631	-0.069	1.639	0.083	1.652	0.033	3.930	-0.032	3.948	-0.019	3.959	0.044	3.966	-0.036
1.662	0.018	1.675	-0.031	1.692	-0.047	1.705	-0.062	3.980	-0.070	3.990	-0.078	4.003	-0.044	4.012	-0.030
1.718	-0.028	1.738	-0.107	1.750	-0.101	1.764	0.003	4.023	-0.066	4.035	-0.102	4.042	-0.089	4.054	-0.027
1.774	0.031	1.793	0.022	1.808	0.042	1.824	0.096	4.071	-0.078	4.083	-0.051	4.098	-0.010	4.117	-0.061
1.829	-0.056	1.841	0.010	1.853	-0.033	1.864	0.001	4.137	0.008	4.153	0.006	4.164	0.062	4.172	0.068
1.874	0.021	1.886	-0.044	1.904	-0.059	1.922	-0.047	4.184	-0.039	4.197	-0.089	4.209	-0.076	4.221	-0.042
1.936	-0.084	1.934	-0.045	1.970	-0.061	1.984	-0.026	4.229	-0.043	4.240	-0.066	4.254	-0.045	4.266	-0.116
2.001	-0.031	2.015	-0.040	2.027	-0.027	2.044	0.003	4.275	-0.152	4.284	-0.104	4.294	-0.022	4.307	-0.113

4.322	0.140	4.337	0.138	4.352	0.024	4.363	-0.026	7.015	-0.557	7.029	-0.516	1.037	-0.355	7.045	-0.068
4.375	0.036	4.383	0.077	4.394	-0.016	4.404	-0.066	7.061	0.445	7.071	0.768	7.079	0.929	7.087	0.949
4.423	-0.033	4.438	-0.041	4.448	-0.071	4.463	-0.037	7.094	0.878	7.105	0.532	7.117	0.782	7.129	-0.181
4.474	-0.017	4.487	0.039	4.498	0.048	4.511	0.0	7.140	-0.400	7.152	0.626	7.164	-0.782	7.174	-0.668
4.525	-0.036	4.547	0.039	4.565	0.023	4.578	0.001	7.188	-0.841	7.206	-0.754	7.222	0.683	7.238	-0.551
4.594	-0.008	4.606	-0.121	4.614	-0.164	4.620	-0.136	7.254	-0.384	7.266	-0.189	7.276	0.021	7.288	0.309
4.631	0.052	4.648	0.088	4.657	0.053	4.667	0.030	7.301	0.553	7.310	0.517	7.322	0.340	7.332	0.340
4.687	0.044	4.687	0.008	4.694	-0.020	4.713	-0.043	7.332	0.158	7.342	0.014	7.353	-0.100	7.361	-0.165
4.730	-0.143	4.738	-0.136	4.753	-0.067	4.767	-0.117	7.379	-0.209	7.389	-0.161	7.399	0.014	7.409	0.188
4.774	-0.082	4.784	0.058	4.792	0.106	4.802	0.059	7.415	0.202	7.430	0.080	7.440	0.072	7.455	0.204
4.815	0.042	4.823	0.041	4.836	0.089	4.855	-0.003	7.468	0.343	7.464	0.489	7.456	0.593	7.513	0.408
4.862	-0.011	4.871	0.045	4.883	0.135	4.900	0.099	7.523	0.315	7.536	0.258	7.549	0.151	7.560	0.023
4.907	0.063	4.920	0.175	4.928	0.156	4.938	0.118	7.574	-0.099	7.587	-0.206	7.600	-0.341	7.608	-0.426
4.949	0.011	4.960	0.039	4.965	0.087	4.983	0.044	7.619	-0.441	7.632	-0.401	7.640	-0.430	7.653	-0.537
4.991	0.043	5.000	0.032	5.014	0.203	5.034	0.202	7.662	-0.594	7.673	-0.560	7.685	-0.456	7.697	-0.401
5.045	0.264	5.056	0.256	5.068	0.164	5.080	-0.020	7.702	-0.408	7.714	-0.363	7.721	-0.579	7.728	-0.579
5.091	-0.091	5.109	-0.143	5.124	-0.221	5.139	-0.167	7.739	-0.475	7.747	-0.363	7.762	0.051	7.773	0.219
5.156	-0.161	5.172	-0.050	5.179	-0.030	5.188	-0.080	7.783	0.302	7.797	0.280	7.808	0.187	7.816	0.011
5.158	-0.144	5.214	-0.097	5.227	-0.175	5.235	-0.204	7.827	-0.223	7.833	-0.287	7.837	-0.287	7.843	-0.245
5.256	-0.086	5.267	-0.158	5.277	-0.278	5.291	-0.350	7.849	-0.211	7.857	-0.204	7.865	-0.289	7.876	-0.403
5.303	-0.548	5.314	-0.746	5.334	-0.768	5.350	-0.854	7.889	-0.559	7.900	-0.722	7.910	-0.871	7.918	-0.899
5.368	-0.764	5.380	-0.589	5.392	-0.379	5.401	-0.218	7.928	-0.823	7.938	-0.648	7.950	-0.417	7.962	-0.214
5.412	-0.149	5.420	-0.150	5.436	-0.215	5.452	-0.125	7.970	-0.088	7.975	0.348	7.987	0.544	8.001	0.663
5.465	-0.020	5.479	0.091	5.489	0.153	5.504	0.272	8.009	0.634	8.024	0.520	8.035	0.385	8.046	0.187
5.513	0.306	5.528	0.276	5.543	0.232	5.555	0.118	8.056	0.053	8.073	0.031	8.090	0.036	8.101	0.035
5.564	0.068	5.571	0.060	5.583	0.115	5.597	0.275	8.116	0.068	8.130	0.031	8.143	0.159	8.157	-0.343
5.607	0.365	5.616	0.505	5.625	0.609	5.632	0.609	8.170	-0.492	8.183	-0.613	8.193	-0.621	8.204	-0.510
5.641	0.502	5.652	0.381	5.660	0.331	5.677	0.294	8.226	0.054	8.237	0.437	8.247	0.683	8.247	0.683
5.687	0.222	5.698	0.108	5.705	0.094	5.714	0.142	8.264	0.949	8.267	0.563	8.277	0.561	8.288	0.813
5.726	0.268	5.733	0.260	5.745	0.153	5.760	0.046	8.299	0.734	8.308	0.747	8.322	0.781	8.338	0.671
5.776	-0.089	5.794	-0.204	5.803	-0.226	5.809	-0.177	8.348	0.899	8.365	0.850	8.381	0.818	8.395	0.725
5.819	0.019	5.832	0.250	5.843	0.355	5.856	0.361	8.409	0.626	8.422	0.458	8.437	0.412	8.448	0.340
5.870	0.268	5.880	0.176	5.891	-0.022	5.903	-0.291	8.458	0.227	8.469	0.065	8.482	-0.014	8.492	-0.099
5.911	-0.468	5.931	-0.596	5.940	-0.569	5.957	-0.331	8.506	-0.297	8.513	-0.332	8.528	-0.354	8.544	-0.320
5.965	-0.254	5.974	-0.347	5.985	-0.347	5.998	-0.432	8.562	-0.384	8.578	-0.301	8.594	-0.218	8.606	-0.198
6.012	-0.370	6.030	-0.350	6.038	-0.238	6.051	0.014	8.618	-0.235	8.635	-0.222	8.648	-0.358	8.665	-0.325
6.059	0.084	6.071	0.104	6.085	0.054	6.097	-0.025	8.673	-0.235	8.683	-0.039	8.693	0.382	8.700	0.585
6.112	-0.068	6.123	-0.202	6.137	-0.442	6.147	-0.576	8.711	0.658	8.719	0.632	8.732	0.482	8.746	0.338
6.154	-0.555	6.166	-0.379	6.176	-0.302	6.188	-0.310	8.760	0.202	8.777	0.001	8.793	-0.241	8.805	-0.419
6.202	-0.346	6.214	-0.431	6.226	-0.480	6.238	-0.376	8.812	-0.456	8.827	-0.466	8.840	-0.588	8.851	-0.696
6.252	-0.061	6.264	0.142	6.278	0.288	6.296	0.399	8.860	-0.725	8.868	-0.650	8.881	-0.384	8.892	-0.089
6.314	0.439	6.330	0.381	6.343	0.324	6.354	0.146	8.904	0.156	8.916	0.240	8.931	0.246	8.941	0.203
6.367	0.003	6.376	0.009	6.388	0.056	6.401	0.222	8.950	0.056	8.962	-0.031	8.974	-0.034	8.984	-0.016
6.413	0.361	6.424	0.436	6.438	0.336	6.450	0.305	9.005	-0.309	9.017	-0.373	9.033	-0.346	9.043	-0.171
6.458	0.071	6.472	-0.086	6.479	-0.095	6.491	0.086	9.052	0.056	9.058	0.244	9.067	0.307	9.081	0.236
6.500	0.127	6.507	0.084	6.521	-0.171	6.532	-0.376	9.101	0.167	9.101	0.221	9.113	0.343	9.128	0.566
6.540	-0.441	6.549	-0.386	6.557	-0.281	6.564	-0.261	9.142	0.643	9.142	0.600	9.150	0.543	9.166	0.557
6.574	-0.203	6.589	-0.186	6.605	-0.047	6.615	0.113	9.188	0.268	9.188	0.268	9.197	0.042	9.205	-0.184
6.626	0.455	6.641	0.914	6.653	1.103	6.659	1.103	9.218	-0.336	9.230	-0.728	9.241	-0.858	9.247	-0.527
6.673	0.989	6.685	0.932	6.705	0.917	6.716	0.825	9.258	0.871	9.266	0.711	9.283	-0.431	9.298	-0.122
6.725	-0.437	6.736	-0.437	6.747	-0.049	6.758	-0.282	9.307	0.667	9.317	0.178	9.326	0.234	9.342	0.246
6.767	-0.459	6.784	-0.474	6.799	-0.553	6.813	-0.498	9.357	0.259	9.370	0.265	9.380	0.165	9.392	-0.005
6.823	-0.337	6.833	-0.091	6.842	0.070	6.850	0.090	9.400	-0.139	9.410	-0.372	9.422	-0.619	9.432	-0.768
6.864	-0.044	6.879	-0.151	6.890	-0.252	6.906	-0.252	9.444	-0.882	9.456	-0.546	9.469	-0.926	9.481	-0.984
6.917	-0.239	6.926	-0.134	6.937	-0.053	6.944	-0.100	9.497	-1.055	9.515	-1.036	9.532	-0.518	9.547	-0.785
6.953	-0.165	6.969	-0.307	6.984	-0.456	6.999	-0.506	9.561	-0.681	9.576	-0.436	9.588	-0.332	9.603	-0.186

9.617	-0.067	9.629	-0.054	5.646	-0.105	9.659	-0.107	12.365	-0.301	12.312	-0.436	12.380	-0.549	12.387	-0.593
9.672	-0.059	9.689	-0.046	9.701	0.051	9.713	0.155	12.358	-0.587	12.413	-0.426	12.423	-0.524	12.436	-0.513
9.726	-0.203	9.740	0.278	9.748	0.390	9.759	0.579	12.446	-0.144	12.465	-0.104	12.474	-0.070	12.486	-0.026
9.768	0.690	9.773	0.725	9.786	0.695	9.793	0.610	12.506	0.080	12.525	0.127	12.539	0.132	12.553	0.081
9.805	0.482	9.819	0.290	9.833	0.162	9.850	0.065	12.566	-0.032	12.582	-0.167	12.595	0.260	12.612	-0.310
9.861	-0.264	9.871	-0.448	9.883	-0.484	9.895	-0.331	12.627	-0.259	12.635	-0.305	12.647	-0.334	12.653	-0.355
9.908	-0.072	9.920	0.194	9.931	0.327	9.941	0.403	12.663	-0.355	12.669	-0.248	12.677	-0.229	12.685	-0.327
9.954	0.357	9.963	0.598	9.973	0.611	9.981	0.540	12.689	-0.299	12.692	-0.264	12.701	-0.229	12.708	-0.173
9.993	0.358	10.005	0.185	10.012	0.128	10.029	0.134	12.715	-0.166	12.723	-0.201	12.735	-0.279	12.744	-0.342
10.043	0.057	10.053	0.153	10.068	0.348	10.089	0.389	12.753	-0.378	12.761	-0.427	12.765	-0.462	12.771	-0.512
10.077	0.367	10.111	0.317	10.128	0.188	10.136	0.223	12.781	-0.568	12.793	-0.557	12.804	-0.597	12.815	-0.576
10.147	0.384	10.156	0.587	10.171	0.677	10.182	0.705	12.822	-0.527	12.829	-0.464	12.837	-0.380	12.845	-0.316
10.205	0.745	10.218	0.660	10.230	0.434	10.241	0.208	12.849	-0.239	12.857	-0.162	12.866	-0.071	12.873	-0.023
10.233	-0.046	10.264	-0.195	10.277	-0.175	10.291	-0.051	12.863	0.027	12.882	0.034	12.906	0.027	12.916	0.023
10.302	-0.064	10.316	-0.135	10.328	-0.094	10.340	0.108	12.926	-0.058	12.935	-0.044	12.945	-0.002	12.954	0.040
10.354	0.276	10.367	0.288	10.381	0.350	10.394	0.342	12.961	0.054	12.966	0.068	12.977	0.039	12.985	0.004
10.415	0.298	10.428	0.254	10.437	0.281	10.451	0.371	12.991	-0.045	12.998	-0.074	13.010	-0.060	13.011	-0.060
10.467	0.383	10.483	0.318	10.494	0.106	10.506	-0.156	13.014	-0.025	13.027	0.010	13.039	0.017	13.048	-0.019
10.518	-0.354	10.531	-0.588	10.544	-0.723	10.556	-0.752	13.059	-0.040	13.064	-0.061	13.074	-0.061	13.084	-0.019
10.565	-0.704	10.579	-0.536	10.590	-0.376	10.610	-0.075	13.091	0.023	13.101	0.050	13.107	0.050	13.122	0.021
10.623	0.156	10.639	0.268	10.652	0.225	10.666	0.112	13.138	0.007	13.155	-0.029	13.164	-0.072	13.176	-0.107
10.678	-0.022	10.687	-0.128	10.706	-0.115	10.719	-0.144	13.186	-0.136	13.193	-0.152	13.199	-0.235	13.212	-0.228
10.733	-0.173	10.746	-0.082	10.759	0.023	10.776	0.079	13.220	-0.158	13.227	-0.088	13.241	-0.047	13.251	-0.047
10.786	0.191	10.798	0.416	10.809	0.571	10.823	0.718	13.262	-0.027	13.272	0.008	13.283	-0.056	13.292	-0.106
10.835	0.872	10.848	0.900	10.865	0.801	10.877	0.604	13.301	-0.191	13.309	-0.248	13.315	-0.269	13.324	-0.256
10.890	0.308	10.903	0.061	10.916	-0.073	10.926	-0.129	13.333	-0.214	13.344	-0.102	13.357	-0.033	13.363	-0.033
10.940	-0.066	10.957	0.102	10.974	0.390	10.984	0.517	13.371	0.002	13.381	0.001	13.391	-0.020	13.406	-0.063
10.999	0.558	11.020	0.558	11.038	0.593	11.051	0.557	13.425	-0.072	13.438	-0.058	13.449	0.019	13.457	0.067
11.061	0.402	11.075	0.204	11.084	0.169	11.092	0.225	13.466	0.144	13.472	0.228	13.481	0.354	13.489	0.445
11.112	0.485	11.125	0.618	11.135	0.646	11.154	0.631	13.503	0.556	13.516	0.623	13.527	0.660	13.536	0.645
11.165	0.561	11.180	0.447	11.196	0.291	11.215	0.079	13.547	0.588	13.552	0.545	13.562	0.474	13.570	0.403
11.231	-0.164	11.239	-0.048	11.258	-0.042	11.273	-0.114	13.577	0.318	13.586	0.233	13.591	0.148	13.597	0.091
11.336	-0.632	11.345	-0.556	11.362	-0.462	11.375	-0.365	13.626	-0.072	13.632	-0.126	13.641	-0.242	13.652	-0.292
11.377	0.160	11.384	0.258	11.394	0.338	11.367	0.065	13.660	-0.335	13.670	-0.349	13.680	-0.330	13.690	-0.310
11.417	0.051	11.429	-0.041	11.441	-0.140	11.452	-0.218	13.706	-0.054	13.715	0.005	13.725	0.218	13.735	0.281
11.459	-0.212	11.471	-0.135	11.483	-0.044	11.492	-0.003	13.747	0.259	13.759	0.229	13.768	0.201	13.778	0.158
11.456	0.004	11.510	-0.039	11.517	-0.096	11.527	-0.223	13.785	0.080	13.796	-0.076	13.804	-0.196	13.810	-0.288
11.536	-0.357	11.548	-0.513	11.558	-0.598	11.565	-0.612	13.820	-0.359	13.825	-0.388	13.832	-0.396	13.844	-0.340
11.572	-0.591	11.582	-0.521	11.593	-0.367	11.604	-0.220	13.857	-0.229	13.870	-0.159	13.885	-0.153	13.904	-0.119
11.613	-0.135	11.624	-0.044	11.633	-0.031	11.645	-0.010	13.916	-0.063	13.926	-0.008	13.933	0.033	13.937	0.146
11.651	0.025	11.661	0.123	11.673	0.277	11.684	0.311	13.943	0.188	13.950	0.188	13.960	0.138	13.966	0.088
11.656	0.296	11.712	0.253	11.718	0.210	11.733	0.118	13.973	0.018	13.985	-0.029	13.993	-0.068	14.003	-0.111
11.743	0.061	11.760	0.116	11.769	0.108	11.781	0.065	14.009	-0.161	14.016	-0.189	14.029	-0.183	14.040	-0.114
11.753	-0.013	11.805	-0.063	11.813	-0.085	11.831	-0.072	14.052	-0.045	14.061	0.018	14.070	0.116	14.081	0.269
11.842	-0.108	11.854	-0.172	11.869	-0.272	11.882	-0.371	14.091	0.339	14.100	0.402	14.113	0.478	14.124	0.470
11.853	-0.421	11.904	-0.520	11.913	-0.542	11.923	-0.500	14.134	0.420	14.140	0.364	14.147	0.321	14.155	0.285
11.933	-0.410	11.941	-0.305	11.953	-0.200	11.963	-0.039	14.168	0.256	14.178	0.177	14.187	0.120	14.196	0.056
11.972	0.109	11.982	0.207	11.988	0.206	12.003	0.085	14.201	0.049	14.214	0.034	14.225	0.066	14.235	0.081
12.015	-0.049	12.029	-0.184	12.036	-0.240	12.051	-0.241	14.241	0.053	14.247	0.024	14.258	0.009	14.270	0.079
12.037	-0.221	12.070	-0.144	12.083	-0.082	12.098	-0.062	14.271	0.162	14.287	0.218	14.297	0.280	14.309	0.286
12.109	-0.083	12.127	-0.169	12.142	-0.142	12.156	-0.157	14.320	0.229	14.326	0.201	14.338	0.200	14.346	0.241
12.168	-0.228	12.179	-0.341	12.192	-0.385	12.213	-0.401	14.352	0.311	14.360	0.409	14.368	0.479	14.380	0.541
12.233	-0.480	12.251	-0.510	12.265	-0.512	12.274	-0.463	14.391	0.618	14.401	0.652	14.409	0.680	14.418	0.729
12.282	-0.352	12.295	-0.226	12.304	-0.143	12.313	-0.088	14.428	0.721	14.442	0.678	14.452	0.656	14.467	0.598
12.323	-0.062	12.336	-0.071	12.346	-0.108	12.357	-0.194	14.481	0.569	14.499	0.568	14.516	0.552	14.526	0.432

14.537	0.325	14.545	0.247	14.563	0.168	14.585	0.103	17.469	-0.044	17.481	-0.053	17.498	-0.090	17.510	-0.141
14.557	0.053	14.622	0.008	14.634	-0.028	14.655	-0.030	17.522	-0.149	17.542	-0.144	17.557	-0.012	17.564	0.037
14.675	0.004	14.685	0.073	14.701	0.156	14.714	0.211	17.578	0.127	17.586	0.147	17.602	0.160	17.622	0.129
14.727	0.273	14.742	0.258	14.763	0.277	14.775	0.276	17.636	0.100	17.654	0.119	17.663	0.139	17.672	0.174
14.785	0.247	14.797	0.203	14.807	0.160	14.818	0.103	17.682	0.152	17.702	0.121	17.718	0.078	17.731	0.055
14.827	0.025	14.834	-0.046	14.840	-0.117	14.848	-0.203	17.742	0.011	17.749	0.011	17.765	0.037	17.776	0.149
14.854	-0.266	14.863	-0.345	14.869	-0.417	14.880	-0.466	17.766	0.219	17.776	0.214	17.806	0.337	17.818	0.378
14.889	-0.516	14.900	-0.524	14.915	-0.469	14.923	-0.434	17.833	0.350	17.837	0.350	17.850	0.339	17.859	0.247
14.932	-0.372	14.945	-0.324	14.964	-0.276	14.976	-0.221	17.889	0.015	17.880	0.015	17.889	0.019	17.903	-0.025
14.952	-0.187	14.956	-0.166	15.016	-0.154	15.032	-0.120	17.908	-0.025	17.919	-0.005	17.935	-0.041	17.945	0.063
15.045	-0.072	15.059	-0.060	15.073	-0.089	15.089	-0.091	17.966	0.040	17.980	0.017	18.002	0.029	18.016	0.063
15.101	-0.071	15.114	-0.037	15.125	0.004	15.140	0.059	18.031	0.090	18.049	0.117	18.062	0.129	18.075	0.114
15.158	0.085	15.170	0.119	15.184	0.124	15.202	0.054	18.051	0.050	18.105	0.013	18.123	-0.044	18.132	-0.129
15.215	0.072	15.227	0.063	15.243	0.104	15.256	0.187	18.143	-0.165	18.157	-0.230	18.162	-0.230	18.185	-0.182
15.268	0.284	15.285	0.325	15.294	0.345	15.317	0.400	18.204	-0.052	18.217	-0.065	18.233	-0.010	18.247	0.017
15.320	0.490	15.332	0.559	15.343	0.621	15.351	0.648	18.265	0.065	18.284	0.059	18.299	0.105	18.312	0.153
15.345	0.633	15.375	0.589	15.383	0.575	15.395	0.601	18.323	0.181	18.340	0.151	18.351	0.115	18.368	0.114
15.410	0.607	15.425	0.585	15.433	0.605	15.442	0.646	18.381	0.134	18.395	0.133	18.411	0.146	18.427	0.166
15.454	0.652	15.467	0.623	15.478	0.572	15.486	0.522	18.433	0.144	18.445	0.122	18.461	0.072	18.476	0.057
15.493	0.458	15.498	0.430	15.503	0.373	15.514	0.336	18.497	0.104	18.516	0.082	18.529	0.024	18.545	-0.012
15.529	0.320	15.543	0.319	15.559	0.256	15.573	0.251	18.564	0.029	18.584	0.069	18.603	0.082	18.625	0.052
15.567	0.200	15.599	0.157	15.610	0.113	15.621	0.076	18.640	0.030	18.650	0.044	18.650	0.015	18.655	-0.014
15.632	0.005	15.642	-0.053	15.656	-0.069	15.672	-0.071	18.670	-0.043	18.683	-0.044	18.693	-0.044	18.703	-0.045
15.683	-0.045	15.696	-0.047	15.709	-0.105	15.719	-0.177	18.717	-0.074	18.727	-0.124	18.737	-0.146	18.748	-0.147
15.739	-0.235	15.739	-0.278	15.748	-0.273	15.761	-0.197	18.780	-0.127	18.780	-0.127	18.798	-0.010	18.813	0.038
15.772	-0.107	15.781	-0.059	15.795	-0.047	15.808	-0.035	18.849	0.158	18.849	0.158	18.868	0.253	18.882	0.252
15.827	-0.030	15.843	-0.011	15.858	-0.027	15.873	-0.071	18.895	0.237	18.910	0.166	18.922	0.108	18.935	0.023
15.883	-0.101	15.895	-0.201	15.911	-0.295	15.931	-0.382	18.949	-0.028	18.964	-0.078	18.987	-0.115	19.003	-0.144
15.952	-0.468	15.971	-0.534	15.987	-0.578	16.002	-0.544	19.019	-0.138	19.033	-0.063	19.043	-0.006	19.055	0.085
16.017	-0.524	16.029	-0.490	16.038	-0.435	16.049	-0.345	19.065	0.112	19.077	0.111	19.100	0.082	19.125	0.073
16.058	-0.289	16.070	-0.206	16.083	-0.144	16.095	-0.117	19.142	0.044	19.152	0.026	19.159	0.105	19.187	0.224
16.116	-0.154	16.139	-0.206	16.150	-0.228	16.160	-0.243	19.207	0.257	19.219	0.250	19.235	0.171	19.247	0.100
16.178	-0.223	16.193	-0.105	16.204	-0.014	16.216	0.062	19.262	0.021	19.276	0.043	19.294	-0.058	19.310	-0.055
16.227	0.104	16.239	0.089	16.249	0.017	16.263	0.068	19.325	0.003	19.341	0.044	19.358	0.036	19.373	0.007
16.271	-0.153	16.279	-0.253	16.287	-0.309	16.293	-0.366	19.382	-0.022	19.396	-0.037	19.413	-0.011	19.429	0.002
16.311	-0.311	16.324	-0.228	16.341	-0.131	16.359	-0.083	19.449	0.029	19.463	0.042	19.474	0.027	19.487	0.005
16.373	-0.077	16.397	-0.122	16.412	-0.158	16.417	-0.166	19.503	-0.024	19.518	-0.046	19.528	-0.075	19.544	-0.069
16.436	-0.223	16.453	-0.239	16.465	-0.261	16.478	-0.227	19.558	-0.007	19.574	0.091	19.591	0.181	19.606	0.202
16.492	-0.179	16.507	-0.180	16.517	-0.118	16.533	-0.027	19.623	0.172	19.639	0.115	19.655	0.044	19.671	-0.021
16.546	0.035	16.564	0.069	16.576	0.076	16.590	0.068	19.652	-0.043	19.711	0.170	19.721	0.082	19.736	0.144
16.602	0.004	16.613	-0.011	16.622	-0.005	16.635	-0.005	19.753	0.178	19.771	0.170	19.786	0.148	19.800	0.119
16.646	-0.055	16.656	-0.098	16.669	-0.191	16.684	-0.234	19.816	0.016	19.829	0.068	19.842	0.056	19.858	0.102
16.704	-0.186	16.711	-0.200	16.722	-0.243	16.734	-0.321	19.870	0.066	19.881	0.016	19.895	-0.076	19.915	-0.155
16.746	-0.350	16.767	-0.351	16.786	-0.352	16.806	-0.360	19.954	-0.170	19.954	-0.164	19.972	-0.172	19.992	-0.138
16.812	-0.368	16.830	-0.305	16.843	-0.194	16.858	-0.124	20.005	-0.082	20.023	0.001	20.042	0.015	20.059	-0.028
16.876	-0.062	16.894	-0.034	16.905	-0.035	16.918	-0.092	20.077	0.020	20.091	0.009	20.111	-0.010	20.129	-0.004
16.933	-0.128	16.952	-0.129	16.966	-0.130	16.969	-0.130	20.144	-0.018	20.164	-0.039	20.187	-0.026	20.206	-0.040
16.987	-0.075	17.005	-0.008	17.019	0.057	17.034	0.063	20.221	-0.063	20.241	-0.111	20.261	-0.083	20.282	-0.055
17.052	0.033	17.069	0.004	17.081	-0.019	17.107	-0.028	20.287	-0.063	20.301	-0.058	20.312	-0.126	20.330	-0.113
17.128	0.006	17.142	-0.023	17.151	-0.087	17.166	-0.103	20.349	-0.057	20.367	-0.022	20.378	-0.022	20.398	-0.030
17.176	-0.075	17.192	-0.013	17.207	-0.001	17.218	0.026	20.406	-0.037	20.419	-0.059	20.433	-0.073	20.454	-0.032
17.231	0.053	17.238	0.045	17.248	0.030	17.263	0.007	20.473	0.031	20.484	0.080	20.516	0.072	20.533	0.085
17.282	0.047	17.297	0.123	17.308	0.178	17.320	0.240	20.552	0.053	20.581	0.055	20.581	0.033	20.599	0.011
17.334	0.295	17.346	0.287	17.352	0.286	17.367	0.270	20.613	-0.046	20.622	-0.082	20.641	-0.126	20.656	-0.134
17.383	0.275	17.397	0.281	17.409	0.265	17.419	0.229	20.668	-0.170	20.689	-0.185	20.712	-0.137	20.731	-0.089
17.428	0.165	17.432	0.108	17.441	0.022	17.450	-0.035	20.754	0.015	20.772	0.077	20.788	0.076	20.805	0.019

20.819	-0.046	20.844	-0.146	20.869	-0.134	20.892	-0.086	24.671	0.064	24.688	0.012	24.693	0.004	24.705	-0.041
20.910	-0.038	20.928	0.067	20.953	0.142	20.973	0.176	24.725	-0.058	24.743	-0.046	24.754	-0.048	24.768	-0.072
20.958	0.181	21.016	0.166	21.032	0.137	21.057	0.128	24.789	-0.117	24.801	-0.134	24.815	-0.153	24.832	-0.202
21.077	0.127	21.094	0.111	21.115	0.025	21.127	-0.004	24.845	-0.169	24.874	-0.089	24.893	-0.071	24.910	-0.081
21.152	-0.006	21.178	0.048	21.194	0.089	21.212	0.123	24.928	-0.084	24.941	-0.044	24.952	-0.017	24.967	-0.003
21.230	0.122	21.241	0.156	21.262	0.211	21.280	0.244	24.982	-0.013	24.994	-0.042	25.007	-0.044	25.028	-0.025
21.301	0.229	21.316	0.192	21.329	0.107	21.351	0.028	25.046	-0.005	25.064	0.035	25.078	-0.082	25.091	-0.117
21.368	0.006	21.385	-0.024	21.403	-0.081	21.411	-0.124	25.110	0.122	25.125	0.078	25.143	0.027	25.157	-0.002
21.421	-0.167	21.437	-0.196	21.455	-0.197	21.476	-0.157	25.165	0.004	25.177	0.034	25.196	0.064	25.211	0.055
21.499	-0.074	21.519	-0.061	21.538	-0.112	21.553	0.169	25.223	0.039	25.243	0.059	25.261	0.054	25.278	0.080
21.576	-0.199	21.598	-0.144	21.621	-0.019	21.643	0.021	25.257	0.077	25.320	0.033	25.335	0.057	25.352	0.030
21.659	-0.001	21.668	-0.037	21.686	-0.039	21.712	-0.027	25.372	0.037	25.384	0.030	25.392	0.011	25.404	-0.010
21.726	0.008	21.741	0.021	21.757	-0.009	21.773	-0.052	25.414	-0.024	25.422	-0.038	25.429	-0.031	25.443	-0.010
21.786	-0.081	21.794	-0.082	21.810	-0.048	21.831	0.013	25.460	0.018	25.479	0.019	25.486	0.026	25.503	0.061
21.853	0.082	21.881	0.079	21.912	0.013	21.932	-0.031	25.517	0.061	25.532	0.040	25.547	0.012	25.563	-0.025
21.953	-0.026	21.974	0.0	21.995	0.069	22.010	0.096	25.575	-0.033	25.592	0.022	25.608	0.056	25.624	0.062
22.023	0.123	22.040	0.114	22.058	0.147	22.077	0.125	25.638	0.075	25.650	0.050	25.664	0.030	25.683	0.0
22.090	0.095	22.105	0.016	22.120	-0.041	22.134	-0.091	25.698	0.055	25.713	0.053	25.727	0.017	25.743	-0.013
22.154	-0.156	22.167	-0.165	22.184	-0.186	22.200	-0.173	25.762	-0.043	25.780	-0.056	25.790	-0.074	25.808	-0.046
22.212	-0.139	22.228	-0.049	22.246	-0.021	22.264	0.048	25.825	-0.040	25.843	-0.054	25.870	-0.034	25.885	0.001
22.286	0.018	22.303	-0.004	22.324	0.016	22.342	0.001	25.901	0.049	25.916	0.053	25.934	-0.062	25.952	0.047
22.361	-0.042	22.373	-0.043	22.401	-0.030	22.423	0.026	25.974	0.024	25.986	-0.005	26.007	-0.027	26.030	-0.007
22.442	0.032	22.461	0.003	22.475	-0.033	22.499	-0.041	26.040	0.021	26.060	0.026	26.080	0.016	26.101	-0.014
22.526	0.015	22.546	0.070	22.561	0.119	22.582	0.135	26.125	-0.038	26.148	-0.037	26.173	0.020	26.193	0.075
22.605	0.054	22.618	-0.024	22.624	-0.095	22.639	-0.145	26.205	0.102	26.221	0.080	26.239	0.043	26.263	0.034
22.653	-0.110	22.676	-0.048	22.658	0.014	22.720	0.040	26.282	0.026	26.301	0.026	26.320	0.040	26.342	0.046
22.738	0.038	22.754	0.037	22.768	0.007	22.780	-0.001	26.365	0.046	26.380	0.039	26.400	0.052	26.416	0.079
22.793	-0.038	22.801	-0.075	22.817	-0.036	22.826	-0.008	26.434	0.076	26.455	0.049	26.478	-0.002	26.501	0.018
22.839	-0.017	22.848	-0.039	22.857	-0.069	22.873	-0.071	26.520	0.086	26.539	0.105	26.555	0.060	26.578	-0.013
22.890	-0.038	22.898	-0.018	22.916	-0.014	22.926	-0.029	26.592	-0.042	26.613	-0.058	26.631	-0.067	26.647	-0.103
22.946	-0.032	22.960	-0.062	22.981	-0.065	22.993	-0.066	26.667	-0.112	26.679	-0.085	26.701	-0.005	26.715	0.047
22.998	-0.060	23.017	-0.040	23.035	-0.021	23.053	0.027	26.736	0.054	26.751	0.040	26.767	-0.024	26.786	-0.066
23.069	0.048	23.086	0.075	23.098	0.110	23.114	0.137	26.808	-0.060	26.830	-0.046	26.851	-0.018	26.870	0.003
23.134	0.151	23.150	0.129	23.164	0.121	23.176	0.135	26.892	0.031	26.922	0.051	26.945	-0.070	26.971	0.047
23.184	0.121	23.201	0.120	23.213	0.091	23.222	0.056	26.995	0.024	27.020	-0.006	27.039	-0.008	27.059	0.026
23.233	-0.001	23.244	-0.044	23.255	-0.044	23.272	0.005	27.082	0.039	27.100	0.050	27.118	0.048	27.142	0.039
23.287	0.039	23.297	0.017	23.312	-0.012	23.333	0.001	27.161	0.003	27.179	-0.039	27.201	-0.068	27.222	-0.089
23.347	0.049	23.364	0.069	23.381	0.053	23.400	0.017	27.246	-0.054	27.270	-0.019	27.287	-0.009	27.308	-0.005
23.420	0.022	23.438	0.071	23.447	0.105	23.463	0.153	27.327	-0.012	27.348	-0.033	27.373	-0.054	27.395	-0.041
23.482	0.201	23.498	0.249	23.521	0.259	23.538	0.239	27.419	-0.028	27.442	-0.043	27.466	-0.044	27.485	-0.017
23.557	0.202	23.570	0.152	23.586	0.073	23.603	0.006	27.504	-0.039	27.530	-0.082	27.547	-0.063	27.568	-0.049
23.621	-0.018	23.640	-0.061	23.670	-0.040	23.692	0.0	27.579	-0.028	27.558	-0.008	27.622	-0.009	27.638	-0.003
23.715	-0.010	23.742	-0.061	23.755	-0.084	23.782	-0.079	27.660	0.031	27.669	0.045	27.689	-0.020	27.703	-0.048
23.800	-0.031	23.818	0.002	23.839	0.007	23.856	-0.015	27.724	-0.043	27.746	-0.009	27.770	-0.003	27.788	-0.006
23.875	-0.017	23.892	-0.081	23.912	-0.033	23.936	0.021	27.808	-0.023	27.828	-0.023	27.846	0.004	27.868	0.066
23.960	0.012	23.981	0.003	23.996	-0.033	24.012	-0.098	27.888	0.055	27.912	0.112	27.931	0.104	27.945	0.104
24.045	-0.048	24.062	-0.025	24.083	-0.019	24.108	0.021	27.970	0.062	27.981	0.062	28.001	0.090	28.011	0.083
24.123	0.048	24.138	0.026	24.147	0.011	24.163	0.026	28.031	0.055	28.050	0.062	28.071	0.083	28.094	0.112
24.182	-0.013	24.197	0.020	24.211	0.026	24.222	0.033	28.116	0.161	28.129	0.157	28.140	0.190	28.157	0.169
24.244	-0.072	24.271	0.049	24.285	0.026	24.305	-0.011	28.174	0.120	28.197	0.056	28.217	0.013	28.225	0.006
24.324	-0.013	24.342	0.0	24.364	0.033	24.375	0.032	28.247	0.006	28.271	0.027	28.294	0.033	28.321	0.061
24.392	0.030	24.405	0.015	24.424	0.027	24.431	0.048	28.344	0.067	28.364	0.073	28.380	0.066	28.395	0.002
24.451	0.025	24.458	0.031	24.468	0.038	24.487	0.070	28.418	-0.041	28.437	-0.035	28.453	-0.049	28.471	-0.085
24.505	0.054	24.519	0.004	24.533	-0.026	24.550	-0.070	28.493	-0.114	28.514	-0.121	28.534	-0.101	28.553	-0.059
24.563	-0.078	24.579	-0.023	24.590	-0.003	24.599	0.010	28.568	-0.024	28.587	-0.010	28.606	-0.004	28.631	0.025
24.613	0.029	24.627	0.007	24.645	0.033	24.658	0.032	28.650	-0.032	28.673	-0.012	28.689	-0.002	28.715	0.015

28.738	0.015	28.762	0.0	28.783	-0.001	28.806	-0.030	33.638	-0.052	33.657	-0.060	33.671	-0.054	33.689	-0.019
28.831	-0.051	28.855	-0.059	28.877	-0.024	28.907	-0.016	33.705	0.008	33.726	0.056	33.742	0.070	33.766	0.063
28.928	-0.009	28.951	-0.013	28.974	-0.028	28.999	-0.007	33.787	0.034	33.806	-0.008	33.831	0.006	33.849	0.005
29.019	-0.028	29.048	-0.035	29.073	-0.042	29.095	-0.014	33.872	0.004	33.890	-0.004	33.913	-0.034	33.935	0.028
29.114	0.027	29.133	0.018	29.158	-0.018	29.181	-0.027	33.952	0.020	33.973	0.040	33.993	0.046	34.020	0.031
29.201	-0.028	29.224	-0.037	29.245	-0.052	29.265	-0.036	34.041	0.030	34.051	-0.006	34.072	0.043	34.088	0.077
29.286	-0.046	29.304	-0.053	29.324	-0.075	29.347	-0.056	34.106	0.034	34.124	0.132	34.136	0.138	34.155	0.055
29.374	-0.111	29.408	-0.125	29.442	-0.132	29.465	-0.055	34.172	0.080	34.191	0.051	34.214	0.039	34.237	-0.027
29.489	-0.005	29.508	-0.009	29.526	-0.027	29.546	-0.056	34.251	-0.079	34.265	-0.102	34.286	-0.057	34.312	0.022
29.675	-0.073	29.603	-0.047	29.631	-0.049	29.656	-0.012	34.331	0.061	34.345	0.124	34.363	0.178	34.378	0.177
29.760	-0.050	29.774	-0.080	29.795	-0.053	29.742	0.001	34.391	0.113	34.410	0.043	34.436	0.001	34.460	-0.020
29.831	-0.080	29.856	-0.046	29.876	-0.033	29.819	-0.086	34.487	0.015	34.511	0.030	34.532	0.009	34.547	-0.012
29.908	-0.028	29.933	-0.009	29.954	-0.022	29.981	-0.043	34.546	0.045	34.552	0.052	34.611	0.003	34.625	-0.067
30.007	-0.021	30.033	-0.007	30.059	0.0	30.093	0.036	34.649	-0.102	34.668	-0.060	34.686	0.017	34.702	0.059
30.114	0.050	30.133	0.078	30.148	0.133	30.169	0.145	34.730	0.136	34.748	0.157	34.759	0.129	34.772	0.086
30.183	0.144	30.204	0.079	30.223	0.063	30.241	0.047	34.787	0.058	34.806	0.052	34.820	0.112	34.845	0.090
30.244	0.010	30.285	-0.035	30.308	-0.037	30.319	-0.044	34.869	0.039	34.879	0.025	34.892	0.052	34.905	0.129
30.335	0.003	30.354	0.001	30.372	0.041	30.391	0.068	34.914	0.143	34.931	0.163	34.952	0.163	34.964	0.134
30.411	0.095	30.429	0.101	30.451	0.065	30.473	0.098	34.976	0.099	34.996	0.049	35.015	0.013	35.029	0.006
30.497	0.054	30.523	0.061	30.548	0.075	30.566	0.036	35.051	0.020	35.071	0.042	35.092	0.064	35.114	0.044
30.586	0.060	30.604	0.017	30.616	-0.026	30.642	-0.034	35.130	0.023	35.145	0.021	35.173	0.081	35.192	-0.067
30.668	-0.034	30.690	-0.036	30.710	-0.030	30.730	-0.039	35.212	-0.059	35.227	-0.115	35.246	-0.115	35.267	-0.107
30.754	-0.042	30.773	-0.064	30.792	-0.038	30.807	-0.011	35.286	-0.115	35.306	-0.102	35.324	-0.089	35.344	-0.026
30.825	-0.008	30.844	0.006	30.867	-0.003	30.896	-0.013	35.365	0.001	35.385	0.032	35.404	0.020	35.424	-0.001
30.918	0.027	30.942	0.026	30.964	0.046	30.983	0.031	35.442	0.012	35.464	0.032	35.478	0.025	35.504	-0.017
31.002	0.072	31.023	0.057	31.045	0.070	31.064	0.042	35.527	-0.016	35.554	0.034	35.578	0.049	35.593	0.008
31.096	0.041	31.119	0.048	31.136	0.083	31.161	0.068	35.610	-0.034	35.632	0.021	35.657	0.089	35.678	0.111
31.190	0.067	31.216	0.065	31.234	0.078	31.250	0.077	35.701	0.077	35.728	0.050	35.749	0.023	35.774	0.051
31.264	0.090	31.293	0.089	31.304	0.067	31.323	0.086	35.799	0.066	35.818	0.073	35.835	0.045	35.851	0.010
31.346	0.078	31.370	0.041	31.399	0.010	31.424	-0.005	35.873	0.010	35.896	0.025	35.921	0.039	35.944	0.017
31.443	-0.056	31.466	-0.001	31.489	0.011	31.517	0.031	35.967	0.017	35.991	0.045	36.013	0.073	36.035	0.072
31.537	0.036	31.559	0.043	31.583	0.042	31.603	0.020	36.081	0.037	36.066	-0.006	36.076	0.001	36.095	0.028
31.633	0.033	31.662	0.046	31.684	0.059	31.706	0.052	36.112	0.041	36.129	0.012	36.153	0.039	36.168	0.038
31.727	0.066	31.754	0.030	31.772	0.001	31.798	-0.049	36.187	-0.027	36.214	-0.071	36.239	-0.086	36.266	-0.067
31.822	-0.057	31.844	-0.051	31.856	-0.066	31.879	-0.053	36.288	-0.062	36.306	-0.013	36.328	0.041	36.352	0.026
31.904	-0.039	31.928	-0.040	31.950	-0.013	31.973	-0.021	36.368	-0.032	36.391	-0.040	36.415	-0.062	36.435	-0.027
32.002	-0.042	32.029	-0.050	32.048	-0.065	32.077	-0.108	36.464	-0.028	36.487	-0.008	36.510	0.033	36.532	0.054
32.098	-0.130	32.110	-0.116	32.133	-0.039	32.154	0.008	36.559	0.032	36.565	0.031	36.609	0.031	36.634	0.030
32.182	0.063	32.206	0.103	32.236	0.123	32.263	0.114	36.650	0.015	36.669	-0.035	36.690	-0.071	36.710	-0.071
32.290	0.084	32.311	0.054	32.336	0.066	32.370	0.071	36.733	-0.044	36.751	-0.003	36.764	0.018	36.785	-0.019
32.394	0.035	32.416	0.048	32.440	0.033	32.462	0.060	36.810	-0.014	36.833	-0.022	36.861	0.004	36.887	0.051
32.489	0.066	32.503	0.065	32.517	0.029	32.535	-0.028	36.869	0.056	36.927	0.070	36.949	0.055	36.964	0.033
32.569	-0.086	32.594	-0.080	32.614	-0.088	32.638	-0.026	36.983	0.060	37.005	0.101	37.026	0.066	37.049	0.071
32.656	-0.012	32.681	-0.014	32.714	0.020	32.739	0.019	37.073	0.084	37.055	0.120	37.115	0.141	37.150	0.106
32.761	0.011	32.782	0.011	32.801	0.024	32.824	0.019	37.172	0.063	37.154	0.007	37.217	-0.007	37.238	0.0
32.845	-0.001	32.867	-0.036	32.884	-0.059	32.908	-0.054	37.259	0.007	37.284	0.007	37.310	0.006	37.333	0.013
32.933	-0.028	32.953	-0.023	32.973	-0.027	32.983	-0.036	37.356	0.047	37.480	0.038	37.502	0.024	37.513	-0.039
33.002	-0.060	33.022	-0.050	33.037	-0.039	33.062	-0.071	37.535	-0.018	37.549	-0.032	37.561	-0.054	37.563	-0.061
33.082	-0.060	33.104	-0.042	33.124	-0.038	33.140	-0.026	37.600	-0.041	37.618	-0.055	37.637	-0.070	37.658	-0.029
33.157	-0.050	33.172	-0.038	33.192	-0.039	33.214	-0.047	37.682	0.016	37.700	-0.062	37.721	-0.018	37.739	-0.018
33.232	-0.033	33.252	-0.027	33.274	-0.028	33.296	-0.014	37.761	-0.005	37.779	0.002	37.797	0.049	37.815	0.048
33.320	-0.008	33.343	0.033	33.366	0.039	33.387	0.024	37.839	0.058	37.841	0.033	37.866	0.033	37.902	0.047
33.408	0.0	33.432	0.044	33.452	-0.061	33.472	-0.063	37.922	0.065	37.940	0.046	37.960	0.018	37.982	0.003
33.490	-0.051	33.509	-0.046	33.524	-0.041	33.541	-0.050	38.001	0.016	38.014	0.022	38.030	-0.007	38.046	-0.050
33.561	-0.066	33.578	-0.075	33.600	-0.085	33.620	-0.058	38.062	-0.051	38.082	-0.032	38.103	-0.006	38.120	0.020

38.137	0.011	38.155	-0.033	38.171	-0.063	38.190	-0.057	42.882	0.004	42.504	0.011	42.920	C.024	42.946	-0.019
38.202	-0.044	38.218	-0.025	38.230	-0.019	38.240	0.009	42.970	-0.040	42.996	-0.034	43.021	-0.035	43.047	-0.015
* 38.248	0.029	38.266	0.034	38.282	0.040	38.298	0.039	43.061	-0.009	43.086	-0.010	43.108	-0.025	43.138	-0.041
38.311	0.031	38.324	0.022	38.336	0.036	38.351	0.056	43.170	-0.050	43.194	-0.065	43.215	-0.017	43.240	-0.004
38.361	0.062	38.376	0.054	38.392	0.018	38.405	-0.018	43.263	0.016	43.286	0.036	43.301	0.014	43.324	-0.008
38.419	-0.047	38.438	-0.063	38.461	-0.029	38.467	-0.008	43.347	-0.016	43.372	-0.009	43.397	-0.003	43.422	0.004
38.480	-0.016	38.497	-0.038	38.510	-0.053	38.527	-0.032	43.444	-0.004	43.464	0.003	43.481	C.030	43.502	0.029
38.545	0.030	38.558	0.058	38.570	0.071	38.586	0.042	43.523	0.028	43.544	0.006				
38.598	0.028	38.614	0.027	38.631	0.033	38.648	0.019								
38.667	0.011	38.687	-0.011	38.700	-0.025	38.721	-0.026								
38.744	0.009	38.762	0.001	38.781	-0.007	38.799	-0.001								
38.819	-0.009	38.843	0.004	38.863	-0.011	38.882	0.002								
38.902	-0.014	38.921	-0.023	38.937	-0.003	38.960	-0.006								
38.976	-0.035	38.995	-0.016	39.006	-0.003	39.029	0.002								
39.046	0.015	39.065	0.027	39.087	-0.003	39.112	-0.040								
39.136	-0.042	39.158	-0.015	39.180	0.004	39.201	-0.025								
39.225	-0.033	39.243	-0.042	39.271	-0.072	39.288	-0.066								
39.307	-0.046	39.324	-0.026	39.343	-0.014	39.364	0.027								
39.389	0.060	39.411	0.066	39.434	0.071	39.451	0.056								
39.476	0.019	39.497	0.010	39.524	0.001	39.546	-0.007								
39.568	0.005	39.591	-0.004	39.613	0.002	39.638	0.0								
39.655	-0.001	39.680	-0.003	39.703	0.002	39.722	0.007								
39.742	0.013	39.766	0.011	39.781	0.016	39.799	0.029								
39.829	0.012	39.854	0.003	39.876	0.028	39.897	0.040								
39.917	0.017	39.937	0.008	39.958	0.005	39.976	-0.004								
39.997	-0.013	40.018	-0.008	40.043	0.011	40.065	0.016								
40.082	0.008	40.103	0.021	40.122	0.041	40.141	0.054								
40.166	0.054	40.178	0.046	40.199	0.053	40.216	0.038								
40.234	0.009	40.254	0.009	40.277	-0.014	40.294	-0.057								
40.318	-0.066	40.330	-0.053	40.353	-0.047	40.379	-0.063								
40.397	-0.036	40.412	-0.030	40.434	-0.004	40.455	0.001								
40.483	-0.023	40.506	-0.025	40.528	0.001	40.556	0.020								
40.578	0.040	40.605	0.038	40.633	0.043	40.656	0.056								
40.667	0.039	40.715	0.047	40.741	0.018	40.765	-0.011								
40.793	-0.027	40.818	0.021	40.842	0.041	40.874	0.039								
40.906	0.028	40.935	0.018	40.965	0.021	40.995	0.018								
41.020	0.050	41.043	0.047	41.067	0.017	41.089	0.0								
41.112	-0.016	41.134	-0.019	41.160	-0.021	41.181	-0.008								
41.205	0.015	41.228	0.032	41.248	0.024	41.266	0.009								
41.291	-0.014	41.309	-0.050	41.327	-0.065	41.348	-0.059								
41.369	-0.033	41.388	-0.033	41.411	-0.028	41.434	-0.023								
41.456	-0.018	41.478	-0.020	41.502	-0.008	41.527	-0.011								
41.548	-0.027	41.572	-0.057	41.593	-0.072	41.611	-0.053								
41.638	-0.013	41.665	0.006	41.690	0.047	41.714	0.052								
41.739	0.064	41.760	0.049	41.782	0.019	41.802	0.003								
41.827	-0.012	41.853	-0.007	41.875	0.012	41.903	0.051								
41.927	0.077	41.952	0.068	41.979	0.058	42.004	0.007								
42.032	-0.024	42.044	-0.046	42.065	-0.034	42.086	-0.022								
42.112	-0.031	42.131	-0.046	42.154	-0.027	42.177	-0.014								
42.198	0.016	42.222	0.018	42.245	0.017	42.269	0.029								
42.291	-0.031	42.316	-0.043	42.339	-0.044	42.364	-0.066								
42.355	-0.052	42.420	-0.025	42.448	0.010	42.470	0.031								
42.491	0.036	42.521	0.009	42.551	-0.012	42.579	-0.014								
42.601	-0.010	42.617	-0.051	42.645	-0.025	42.667	0.009								
42.691	0.036	42.715	0.048	42.743	0.061	42.772	0.045								
42.795	0.036	42.819	0.035	42.843	0.047	42.867	0.019								

IR246

71.192 2/9/71 0600PST L.A. 6464 SUNSET BLVD. BASEMENT UP

3847 POINTS 43.548 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1291 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.161	0.009	0.192	0.017	0.170	0.027	0.085	1.375	-0.019	1.384	-0.144	1.396	-0.305	1.404	-0.341
0.036	0.004	0.043	-0.018	0.056	0.026	0.063	0.052	1.412	-0.271	1.423	-0.031	1.428	0.049	1.436	0.076
0.072	0.030	0.078	-0.028	0.085	-0.113	0.097	-0.180	1.447	-0.036	1.457	-0.183	1.471	-0.166	1.483	0.093
0.102	-0.221	0.111	-0.212	0.121	-0.137	0.130	-0.057	1.494	0.262	1.498	0.280	1.506	0.262	1.517	0.115
0.142	-0.027	0.150	0.044	0.158	0.083	0.172	0.078	1.532	-0.055	1.542	-0.167	1.549	-0.171	1.560	-0.064
0.184	0.037	0.194	-0.004	0.211	0.044	0.221	0.017	1.568	0.007	1.575	-0.007	1.587	-0.127	1.592	-0.190
0.233	-0.038	0.245	-0.163	0.252	-0.213	0.257	-0.231	1.600	-0.213	1.604	-0.150	1.617	0.041	1.625	0.183
0.265	-0.178	0.275	-0.032	0.283	0.034	0.288	0.043	1.632	0.219	1.640	0.165	1.648	0.017	1.658	-0.121
0.294	0.007	0.304	-0.097	0.308	-0.137	0.313	-0.151	1.666	-0.157	1.673	-0.090	1.686	0.083	1.692	0.105
0.321	-0.129	0.329	-0.037	0.338	0.061	0.343	0.082	1.699	0.060	1.711	-0.226	1.716	-0.279	1.721	-0.297
0.349	0.060	0.361	-0.093	0.368	-0.174	0.374	-0.183	1.727	-0.204	1.738	0.045	1.746	0.187	1.754	0.218
0.382	-0.108	0.390	-0.051	0.397	-0.043	0.412	-0.071	1.763	0.208	1.775	0.118	1.784	0.069	1.797	0.059
0.419	-0.036	0.431	0.097	0.439	0.167	0.445	0.149	1.802	0.050	1.810	-0.008	1.815	-0.022	1.837	-0.099
0.453	0.068	0.463	-0.093	0.468	-0.151	0.473	-0.165	1.842	-0.171	1.849	-0.269	1.855	-0.296	1.863	-0.244
0.480	-0.112	0.489	-0.014	0.494	0.070	0.500	0.074	1.876	-0.097	1.884	-0.027	1.895	0.031	1.918	0.029
0.510	0.006	0.519	-0.070	0.527	-0.098	0.534	-0.067	1.924	0.042	1.937	0.144	1.939	0.184	1.945	0.188
0.543	0.062	0.555	0.195	0.561	0.221	0.569	0.172	1.951	0.160	1.956	0.106	1.964	0.052	1.970	0.038
0.579	-0.020	0.589	-0.203	0.598	-0.346	0.607	-0.319	1.982	0.028	1.989	-0.004	1.998	-0.076	2.006	-0.193
0.617	-0.128	0.627	0.006	0.633	0.014	0.641	-0.057	2.017	-0.332	2.024	-0.373	2.035	-0.294	2.048	-0.050
0.652	-0.124	0.661	-0.116	0.672	0.040	0.679	0.240	2.058	0.105	2.072	0.109	2.083	0.081	2.091	0.067
0.686	0.307	0.693	0.262	0.705	0.020	0.717	-0.208	2.104	0.110	2.115	0.135	2.123	0.108	2.138	-0.001
0.724	-0.280	0.730	-0.293	0.737	-0.209	0.748	0.008	2.145	-0.086	2.157	-0.284	2.166	-0.432	2.173	-0.504
0.755	0.124	0.761	0.128	0.767	0.070	0.779	-0.127	2.178	-0.491	2.190	-0.252	2.198	0.020	2.208	0.215
0.787	-0.190	0.793	-0.164	0.803	-0.009	0.809	0.093	2.216	0.240	2.222	0.226	2.232	0.145	2.240	0.126
0.818	0.114	0.826	0.086	0.837	-0.115	0.842	-0.187	2.261	0.124	2.267	0.084	2.277	-0.077	2.284	-0.158
0.847	-0.223	0.860	-0.171	0.875	-0.074	0.885	0.040	2.292	-0.207	2.309	-0.231	2.324	-0.241	2.333	-0.210
0.895	0.124	0.901	0.155	0.909	0.105	0.916	-0.096	2.344	-0.104	2.355	-0.029	2.365	-0.025	2.376	-0.048
0.925	-0.262	0.931	-0.325	0.938	-0.231	0.946	0.062	2.384	-0.080	2.390	-0.080	2.402	0.013	2.413	0.137
0.953	0.191	0.959	0.240	0.965	0.208	0.976	-0.029	2.428	0.181	2.433	0.176	2.440	0.136	2.450	0.082
0.982	-0.172	0.989	-0.270	0.993	-0.297	0.998	-0.235	2.457	-0.012	2.467	-0.222	2.476	-0.329	2.481	-0.342
1.008	0.010	1.016	0.121	1.021	0.129	1.031	0.093	2.493	-0.205	2.502	-0.044	2.506	0.036	2.514	0.058
1.043	-0.072	1.052	-0.166	1.060	-0.198	1.066	-0.180	2.521	0.022	2.528	-0.049	2.539	-0.081	2.546	0.008
1.077	-0.145	1.083	-0.150	1.091	-0.204	1.106	-0.165	2.556	0.133	2.562	0.257	2.567	0.284	2.572	0.302
1.116	-0.005	1.123	0.062	1.131	0.066	1.136	0.069	2.581	0.261	2.587	0.159	2.597	-0.060	2.604	-0.154
1.157	0.109	1.168	0.206	1.174	0.277	1.179	0.290	2.614	-0.258	2.623	-0.168	2.639	-0.182	2.657	-0.262
1.185	0.267	1.192	0.182	1.204	-0.042	1.208	-0.096	2.664	-0.258	2.675	-0.151	2.683	0.080	2.691	0.339
1.212	-0.114	1.221	-0.070	1.228	-0.026	1.237	-0.027	2.697	0.459	2.700	0.468	2.704	0.445	2.713	0.285
1.243	-0.090	1.251	-0.171	1.260	-0.217	1.270	-0.168	2.723	0.137	2.734	0.017	2.744	-0.059	2.755	-0.086
1.281	-0.013	1.292	0.070	1.311	0.087	1.321	-0.012	2.765	-0.203	2.775	-0.310	2.784	-0.355	2.795	-0.320
1.333	-0.106	1.342	-0.129	1.355	-0.040	1.364	0.022	2.805	-0.133	2.815	0.053	2.819	0.115	2.828	0.142

2.841	0.141	2.853	0.095	2.860	0.104	2.875	0.130	4.670	-0.042	4.677	0.140	4.682	0.185	4.695	0.220
2.891	0.124	2.904	0.030	2.915	-0.127	2.923	-0.221	4.703	0.184	4.714	0.067	4.725	-0.018	4.732	-0.027
2.929	-0.235	2.938	-0.164	2.947	0.050	2.957	0.209	4.741	0.035	4.749	0.119	4.757	0.173	4.764	0.159
2.967	0.240	2.975	0.199	2.989	0.082	2.996	0.029	4.772	0.069	4.780	-0.083	4.786	-0.181	4.792	-0.186
3.003	0.024	3.014	0.059	3.021	0.049	3.031	-0.027	4.801	-0.119	4.813	-0.075	4.819	-0.075	4.832	-0.080
3.042	-0.041	3.051	-0.006	3.065	0.011	3.074	0.073	4.839	-0.116	4.850	-0.206	4.859	-0.260	4.866	-0.260
3.085	0.152	3.090	0.174	3.099	0.111	3.106	0.031	4.875	-0.163	4.880	0.016	4.887	0.278	4.892	0.385
3.112	-0.041	3.117	-0.068	3.124	-0.042	3.130	0.029	4.896	0.260	4.901	0.344	4.909	0.117	4.919	-0.200
3.140	0.042	3.147	0.002	3.154	-0.136	3.163	-0.244	4.927	-0.397	4.933	-0.508	4.936	-0.522	4.945	-0.420
3.171	0.324	3.177	0.329	3.185	-0.227	3.194	0.040	4.953	-0.280	4.959	-0.197	4.965	-0.202	4.973	-0.301
3.200	0.263	3.208	0.356	3.213	0.351	3.223	0.248	4.981	-0.386	4.985	-0.404	4.989	-0.377	4.999	-0.008
3.232	0.105	3.237	0.043	3.248	0.015	3.258	0.077	5.009	0.415	5.016	0.651	5.020	0.660	5.025	0.606
3.269	0.174	3.275	0.205	3.285	0.142	3.294	0.041	5.033	0.414	5.040	0.186	5.049	0.037	5.054	-0.113
3.302	-0.216	3.310	-0.399	3.317	-0.453	3.323	-0.458	5.060	-0.104	5.068	0.007	5.074	0.113	5.078	0.131
3.334	-0.227	3.342	-0.026	3.346	0.062	3.350	0.062	5.086	0.068	5.092	-0.079	5.101	-0.236	5.107	-0.267
3.357	0.008	3.363	-0.104	3.371	-0.265	3.376	-0.292	5.116	-0.166	5.123	0.030	5.131	0.235	5.137	0.279
3.385	-0.221	3.395	0.019	3.404	0.232	3.408	0.321	5.145	0.269	5.156	0.202	5.163	0.210	5.169	0.304
3.412	0.325	3.418	0.262	3.429	-0.029	3.438	-0.195	5.176	0.361	5.182	0.343	5.190	0.169	5.198	-0.050
3.443	-0.257	3.447	-0.267	3.455	-0.219	3.466	-0.162	5.203	-0.158	5.217	-0.319	5.221	-0.333	5.228	-0.257
3.479	-0.159	3.494	-0.196	3.503	-0.197	3.514	-0.064	5.239	-0.071	5.247	0.076	5.253	0.094	5.257	0.062
3.523	0.033	3.528	0.068	3.543	0.067	3.550	0.133	5.267	-0.184	5.274	-0.376	5.279	-0.429	5.284	-0.372
3.556	0.208	3.561	0.225	3.568	0.202	3.575	0.090	5.292	-0.078	5.299	0.180	5.307	0.269	5.313	0.260
3.583	-0.062	3.590	-0.165	3.599	-0.202	3.607	-0.162	5.332	-0.272	5.332	-0.272	5.342	-0.464	5.346	-0.477
3.618	0.010	3.623	0.099	3.628	0.121	3.635	0.076	5.354	-0.384	5.362	-0.055	5.369	0.186	5.374	0.257
3.643	-0.068	3.649	-0.144	3.654	-0.158	3.662	-0.123	5.378	0.269	5.386	0.055	5.395	-0.248	5.400	-0.405
3.670	0.037	3.676	0.210	3.683	0.312	3.690	0.311	5.406	-0.476	5.414	-0.352	5.424	0.026	5.430	0.298
3.698	0.257	3.707	0.122	3.716	0.010	3.725	-0.049	5.435	0.396	5.441	0.458	5.446	0.466	5.456	0.399
3.728	-0.049	3.740	-0.005	3.744	-0.010	3.758	-0.108	5.467	0.269	5.482	0.188	5.499	0.084	5.511	0.083
3.767	-0.207	3.772	-0.243	3.780	-0.217	3.790	-0.039	5.520	0.105	5.527	0.123	5.533	0.095	5.542	-0.101
3.798	0.099	3.804	0.183	3.811	0.210	3.819	0.173	5.552	-0.334	5.555	-0.450	5.563	-0.549	5.567	0.567
3.827	0.106	3.839	0.065	3.849	-0.020	3.857	-0.092	5.579	-0.536	5.579	-0.318	5.588	-0.060	5.592	0.073
3.866	-0.110	3.877	-0.066	3.884	-0.048	3.895	-0.080	5.598	0.108	5.601	0.081	5.609	-0.093	5.616	-0.401
3.902	-0.170	3.910	-0.263	3.921	-0.300	3.934	-0.233	5.622	-0.553	5.627	-0.589	5.636	-0.256	5.644	0.203
3.946	-0.078	3.950	-0.029	3.956	-0.029	3.967	-0.070	5.652	-0.469	5.657	0.549	5.665	0.451	5.672	0.223
3.977	-0.101	3.984	-0.097	3.995	0.067	4.004	0.312	5.688	-0.067	5.688	-0.242	5.693	-0.287	5.702	-0.229
4.010	0.441	4.016	0.458	4.022	0.351	4.032	0.097	5.709	0.002	5.716	0.282	5.720	0.389	5.723	0.402
4.042	-0.140	4.049	-0.314	4.055	-0.355	4.062	-0.337	5.731	0.264	5.739	0.005	5.748	-0.192	5.754	-0.304
4.070	0.062	4.077	0.036	4.085	0.125	4.090	0.133	5.759	-0.326	5.765	-0.282	5.775	-0.082	5.785	0.104
4.123	-0.154	4.130	-0.034	4.139	0.113	4.144	0.170	5.791	0.122	5.796	0.095	5.805	-0.102	5.816	-0.259
4.153	0.197	4.159	0.174	4.169	0.062	4.174	0.008	5.821	-0.277	5.832	-0.005	5.841	0.310	5.845	0.377
4.191	0.056	4.201	0.042	4.214	-0.034	4.224	-0.097	5.851	0.329	5.856	0.372	5.865	0.216	5.874	-0.061
4.232	-0.178	4.248	-0.228	4.261	-0.273	4.270	-0.322	5.883	-0.329	5.892	-0.441	5.902	-0.411	5.911	-0.224
4.279	-0.256	4.289	-0.074	4.297	0.126	4.301	0.189	5.919	-0.082	5.922	-0.073	5.928	-0.104	5.938	-0.430
4.307	0.170	4.315	0.081	4.326	-0.049	4.336	-0.121	5.943	-0.515	5.947	-0.538	5.955	-0.418	5.965	-0.075
4.345	-0.135	4.353	-0.055	4.361	-0.024	4.370	-0.079	5.973	0.165	5.982	0.227	5.987	0.218	5.997	0.097
4.377	-0.284	4.386	-0.548	4.394	-0.669	4.398	-0.704	6.006	-0.033	6.011	-0.051	6.017	0.020	6.028	0.234
4.406	-0.603	4.414	-0.336	4.422	0.029	4.429	0.252	6.032	0.274	6.036	0.278	6.044	0.166	6.053	-0.106
4.434	0.318	4.439	0.291	4.447	0.152	4.453	-0.120	6.062	-0.410	6.072	-0.477	6.081	-0.428	6.090	-0.282
4.462	-0.348	4.468	-0.357	4.475	-0.286	4.482	-0.108	6.101	-0.140	6.110	-0.042	6.121	0.052	6.131	0.194
4.491	0.043	4.497	0.073	4.506	0.037	4.516	-0.128	6.138	0.265	6.152	0.274	6.161	0.238	6.170	0.059
4.522	-0.174	4.532	-0.174	4.540	-0.107	4.546	0.097	6.188	-0.159	6.194	-0.267	6.194	-0.276	6.202	-0.218
4.548	0.324	4.552	0.440	4.556	0.457	4.562	0.421	6.212	-0.067	6.217	-0.064	6.227	0.089	6.231	0.175
4.570	0.243	4.578	0.010	4.585	-0.195	4.595	-0.240	6.240	-0.014	6.247	-0.064	6.253	-0.038	6.260	0.140
4.602	-0.151	4.612	0.071	4.619	0.151	4.624	0.142	6.268	0.273	6.274	0.313	6.281	0.259	6.290	-0.009
4.632	0.026	4.643	-0.179	4.649	-0.255	4.662	-0.180	6.302	-0.268	6.307	-0.349	6.314	-0.389	6.324	-0.243
								6.335	0.046	6.339	0.099	6.343	0.108	6.347	0.076

6.356	-0.054	6.360	-0.108	6.365	-0.117	6.371	-0.060	8.541	0.173	8.552	0.039	8.562	-0.064	8.571	-0.091
6.381	0.117	6.393	0.165	6.401	0.115	6.415	0.033	8.582	-0.020	8.592	0.023	8.596	-0.013	8.607	-0.325
6.423	-0.057	6.434	-0.228	6.440	-0.300	6.443	-0.309	8.618	-0.696	8.624	-0.835	8.626	-0.848	8.632	-0.791
6.449	-0.270	6.459	-0.043	6.472	0.138	6.481	0.164	8.644	-0.435	8.653	0.032	8.653	0.196	8.671	0.222
6.488	0.154	6.498	0.046	6.510	-0.102	6.520	-0.179	8.679	0.200	8.693	0.221	8.705	0.345	8.717	0.370
6.528	-0.237	6.535	-0.242	6.545	-0.114	6.557	0.140	8.726	0.271	8.739	-0.069	8.747	-0.280	8.752	-0.356
6.565	0.250	6.571	0.250	6.583	0.164	6.599	0.052	8.763	-0.402	8.773	-0.359	8.782	-0.164	8.797	0.039
6.612	-0.056	6.631	-0.111	6.643	-0.218	6.649	-0.218	8.810	0.091	8.824	0.125	8.835	0.111	8.844	0.034
6.658	0.188	6.669	-0.121	6.681	-0.171	6.687	-0.131	8.854	-0.039	8.860	-0.071	8.868	-0.049	8.881	0.039
6.702	-0.172	6.712	0.363	6.724	0.407	6.734	0.340	8.890	0.074	8.898	0.038	8.908	-0.119	8.917	-0.338
6.745	0.117	6.756	-0.187	6.763	-0.356	6.768	-0.383	8.923	-0.445	8.927	-0.467	8.935	-0.316	8.945	-0.049
6.778	-0.143	6.785	-0.032	6.797	0.146	6.806	0.328	8.954	0.142	8.960	0.169	8.973	0.092	8.984	-0.113
6.813	0.363	6.824	0.349	6.834	0.313	6.839	0.322	8.989	-0.198	8.997	-0.297	9.005	-0.333	9.014	-0.253
6.851	0.379	6.857	0.379	6.862	0.343	6.871	0.200	9.024	-0.146	9.033	-0.156	9.041	-0.263	9.049	-0.352
6.878	0.021	6.886	-0.064	6.898	-0.060	6.910	0.046	9.055	-0.419	9.065	-0.429	9.071	-0.384	9.077	-0.295
6.921	0.130	6.926	0.134	6.934	0.076	6.943	-0.072	9.089	-0.104	9.102	-0.006	9.107	0.030	9.118	0.092
6.952	-0.237	6.959	-0.380	6.965	-0.398	6.973	-0.341	9.124	0.221	9.132	0.350	9.142	0.385	9.156	0.350
6.983	-0.105	6.992	0.144	7.000	0.304	7.006	0.375	9.164	0.251	9.174	0.122	9.183	-0.070	9.190	-0.208
7.011	0.370	7.021	0.330	7.034	0.302	7.042	0.337	9.198	-0.284	9.202	-0.298	9.210	-0.245	9.218	-0.089
7.052	0.462	7.063	0.550	7.072	0.460	7.082	0.215	9.227	0.160	9.239	0.306	9.247	0.310	9.254	0.283
7.090	0.031	7.099	-0.089	7.119	-0.157	7.132	-0.131	9.264	0.242	9.270	0.286	9.277	0.384	9.291	0.468
7.146	-0.132	7.161	-0.129	7.169	-0.156	7.178	-0.223	9.296	0.481	9.302	0.445	9.312	0.328	9.323	0.087
7.192	-0.247	7.204	-0.141	7.215	0.037	7.224	0.107	9.331	-0.079	9.337	-0.137	9.345	-0.120	9.353	0.014
7.232	0.129	7.240	0.115	7.252	0.047	7.263	-0.016	9.363	0.258	9.370	0.365	9.376	0.391	9.383	0.351
7.271	0.025	7.278	-0.008	7.289	0.067	7.294	0.093	9.389	0.203	9.397	0.029	9.405	-0.092	9.410	-0.123
7.314	0.092	7.322	0.114	7.330	0.095	7.341	-0.057	9.415	-0.097	9.429	0.130	9.441	0.254	9.449	0.236
7.349	-0.218	7.357	-0.308	7.364	-0.322	7.375	-0.234	9.459	0.159	9.469	-0.028	9.481	-0.047	9.496	0.108
7.386	-0.092	7.395	-0.030	7.402	-0.044	7.407	-0.089	9.509	0.192	9.525	0.182	9.538	0.079	9.550	-0.118
7.416	-0.183	7.421	-0.202	7.429	-0.131	7.441	0.024	9.563	-0.359	9.570	-0.440	9.588	-0.512	9.594	-0.602
7.445	0.060	7.450	0.064	7.458	0.041	7.466	-0.058	9.606	-0.611	9.612	-0.643	9.630	-0.430	9.641	-0.253
7.475	-0.117	7.480	-0.112	7.490	-0.033	7.498	0.087	9.649	-0.186	9.656	-0.182	9.670	-0.237	9.682	-0.193
7.506	0.166	7.510	0.175	7.516	0.157	7.522	0.076	9.700	-0.172	9.716	-0.155	9.724	-0.182	9.737	-0.286
7.530	-0.014	7.539	-0.112	7.549	-0.095	7.557	-0.127	9.743	-0.300	9.750	-0.274	9.761	-0.132	9.772	0.063
7.570	-0.132	7.580	-0.093	7.598	0.008	7.604	0.017	9.781	0.237	9.789	0.330	9.796	0.365	9.804	0.320
7.614	-0.082	7.625	-0.261	7.634	-0.378	7.647	-0.405	9.812	-0.123	9.827	-0.123	9.833	-0.182	9.848	-0.268
7.665	-0.362	7.671	-0.354	7.679	-0.394	7.689	-0.368	9.858	-0.299	9.867	-0.269	9.877	-0.189	9.889	-0.021
7.700	-0.311	7.717	-0.142	7.733	0.088	7.744	0.328	9.899	0.130	9.904	0.192	9.915	0.223	9.920	0.187
7.754	0.600	7.758	0.729	7.767	0.786	7.777	0.674	9.933	0.021	9.947	-0.199	9.963	-0.200	9.971	-0.165
7.787	0.402	7.799	0.120	7.804	0.031	7.816	-0.023	9.976	-0.147	9.988	-0.041	9.992	-0.037	10.001	-0.055
7.821	-0.001	7.831	0.074	7.842	0.060	7.847	-0.021	10.006	-0.047	10.014	-0.065	10.021	0.015	10.029	0.184
7.857	-0.320	7.865	-0.570	7.874	-0.615	7.882	-0.509	10.041	0.196	10.054	0.169	10.064	0.039	10.068	-0.023
7.895	-0.144	7.908	0.252	7.916	0.408	7.922	0.438	10.081	-0.176	10.091	-0.181	10.098	-0.114	10.104	0.041
7.927	0.416	7.940	0.255	7.955	0.013	7.969	-0.184	10.113	0.161	10.123	0.223	10.131	0.196	10.142	0.030
7.982	-0.318	8.004	-0.417	8.019	-0.360	8.034	-0.071	10.151	-0.153	10.161	-0.269	10.174	-0.257	10.186	-0.159
8.043	0.080	8.054	0.159	8.070	0.163	8.084	0.269	10.196	-0.151	10.210	-0.196	10.220	-0.263	10.229	-0.237
8.094	0.460	8.103	0.567	8.108	0.544	8.121	0.369	10.240	-0.081	10.249	0.137	10.255	0.230	10.262	0.216
8.135	0.168	8.145	0.136	8.161	0.033	8.167	0.046	10.273	0.046	10.281	-0.141	10.291	-0.284	10.302	-0.271
8.180	0.179	8.190	0.227	8.193	0.209	8.204	0.088	10.314	-0.120	10.325	0.017	10.330	0.044	10.338	0.039
8.212	0.074	8.215	0.110	8.228	0.341	8.238	0.452	10.346	0.092	10.352	0.055	10.357	0.118	10.364	0.130
8.243	0.465	8.255	0.388	8.265	0.223	8.275	0.062	10.375	0.192	10.386	0.174	10.392	0.106	10.414	0.033
8.281	0.039	8.294	0.159	8.302	0.238	8.312	0.202	10.427	0.059	10.443	0.125	10.455	0.106	10.470	0.021
8.324	0.001	8.335	-0.116	8.346	-0.147	8.359	-0.099	10.483	0.042	10.495	0.050	10.504	0.054	10.513	0.111
8.373	-0.060	8.385	-0.061	8.399	-0.231	8.409	-0.334	10.525	0.240	10.532	0.297	10.543	0.292	10.556	0.229
8.423	-0.321	8.435	-0.242	8.447	-0.207	8.456	-0.230	10.562	0.153	10.568	0.130	10.577	0.022	10.585	0.026
8.470	-0.409	8.481	-0.552	8.488	-0.588	8.497	-0.561	10.596	0.124	10.608	0.132	10.621	0.064	10.633	-0.034
8.510	-0.267	8.522	0.017	8.530	0.151	8.535	0.195	10.643	-0.088	10.656	-0.057	10.664	0.018	10.671	0.036

10.683	-0.031	10.690	-0.125	10.713	-0.126	10.731	-0.144	12.959	-0.210	12.967	-0.277	12.978	-0.384	12.986	-0.429
10.746	-0.073	10.755	-0.060	10.774	-0.060	10.790	-0.211	12.999	-0.407	12.999	-0.335	13.008	-0.224	13.017	-0.166
10.809	-0.300	10.823	-0.416	10.838	-0.464	10.844	-0.469	13.023	-0.144	13.033	-0.153	13.038	-0.162	13.049	-0.131
10.854	-0.406	10.867	-0.250	10.879	-0.071	10.888	-0.022	13.060	-0.082	13.069	-0.051	13.078	-0.051	13.089	-0.078
10.893	-0.027	10.904	-0.058	10.910	-0.156	10.916	-0.200	13.097	-0.105	13.104	-0.105	13.121	-0.070	13.132	-0.097
10.920	-0.209	10.929	-0.146	10.939	-0.021	10.950	-0.104	13.149	-0.084	13.159	-0.031	13.168	-0.080	13.176	-0.178
10.958	-0.108	10.967	-0.037	10.980	-0.141	10.984	-0.177	13.182	-0.240	13.186	-0.254	13.194	-0.222	13.201	-0.178
10.990	-0.181	10.996	-0.136	11.005	-0.007	11.014	-0.074	13.207	-0.168	13.214	-0.186	13.221	-0.248	13.233	-0.337
11.024	-0.105	11.034	-0.038	11.044	-0.055	11.053	-0.064	13.243	-0.355	13.255	-0.336	13.270	-0.247	13.277	-0.220
11.061	-0.033	11.069	-0.070	11.075	-0.106	11.085	-0.088	13.287	-0.242	13.306	-0.352	13.322	-0.401	13.334	-0.387
11.098	-0.068	11.106	-0.139	11.112	-0.143	11.121	-0.089	13.343	-0.320	13.358	-0.239	13.366	-0.207	13.377	-0.198
11.131	-0.129	11.142	-0.397	11.147	-0.455	11.156	-0.451	13.387	-0.162	13.398	-0.077	13.411	-0.036	13.420	-0.058
11.165	-0.375	11.172	-0.335	11.182	-0.295	11.194	-0.247	13.433	-0.160	13.439	-0.191	13.449	-0.218	13.459	-0.191
11.208	-0.104	11.216	-0.056	11.228	-0.025	11.240	-0.037	13.468	-0.110	13.477	-0.051	13.486	-0.029	13.498	-0.050
11.250	-0.050	11.259	-0.032	11.270	-0.053	11.283	-0.156	13.511	-0.117	13.521	-0.147	13.532	-0.147	13.538	-0.102
11.293	-0.246	11.302	-0.335	11.311	-0.398	11.316	-0.399	13.546	-0.079	13.558	-0.029	13.569	-0.020	13.585	-0.017
11.323	-0.363	11.336	-0.235	11.345	-0.159	11.352	-0.124	13.603	-0.071	13.611	-0.107	13.620	-0.170	13.628	-0.180
11.358	-0.120	11.374	-0.165	11.383	-0.179	11.403	-0.144	13.637	-0.154	13.654	-0.097	13.676	-0.085	13.689	-0.108
11.422	-0.154	11.442	-0.128	11.454	-0.102	11.462	-0.057	13.698	-0.162	13.714	-0.266	13.723	-0.280	13.739	-0.254
11.466	-0.004	11.481	-0.044	11.493	-0.041	11.506	-0.139	13.757	-0.197	13.774	-0.184	13.786	-0.180	13.796	-0.132
11.514	-0.144	11.520	-0.109	11.531	-0.118	11.540	-0.341	13.810	-0.048	13.825	-0.005	13.836	-0.009	13.850	-0.019
11.544	-0.390	11.551	-0.389	11.564	-0.331	11.573	-0.304	13.863	-0.048	13.879	-0.145	13.891	-0.189	13.903	-0.193
11.585	-0.322	11.597	-0.317	11.608	-0.241	11.618	-0.205	13.916	-0.170	13.941	-0.223	13.948	-0.223	13.960	-0.160
11.629	-0.196	11.638	-0.142	11.648	-0.048	11.661	-0.003	13.975	-0.061	13.981	-0.043	13.990	-0.069	14.004	-0.154
11.672	-0.083	11.684	-0.207	11.691	-0.247	11.699	-0.229	14.013	-0.189	14.029	-0.117	14.043	-0.098	14.056	-0.155
11.708	-0.184	11.717	-0.081	11.727	-0.031	11.737	-0.035	14.067	-0.164	14.082	-0.136	14.097	-0.162	14.114	-0.282
11.746	-0.093	11.755	-0.137	11.764	-0.123	11.776	-0.074	14.123	-0.317	14.131	-0.290	14.143	-0.133	14.150	-0.075
11.790	-0.012	11.803	-0.070	11.813	-0.071	11.822	-0.044	14.158	-0.052	14.176	-0.140	14.186	-0.166	14.197	-0.148
11.827	-0.027	11.840	-0.045	11.853	-0.117	11.871	-0.171	14.213	-0.058	14.223	-0.044	14.231	-0.111	14.239	-0.173
11.879	-0.163	11.892	-0.047	11.900	-0.048	11.908	-0.097	14.260	-0.279	14.268	-0.314	14.279	-0.336	14.294	-0.277
11.915	-0.173	11.927	-0.227	11.933	-0.209	11.948	-0.107	14.306	-0.178	14.318	-0.079	14.336	-0.028	14.346	-0.082
11.958	-0.023	11.969	-0.021	11.976	-0.002	11.984	-0.105	14.359	-0.070	14.372	-0.008	14.383	-0.067	14.390	-0.107
11.993	-0.172	12.000	-0.190	12.017	-0.146	12.027	-0.151	14.406	-0.004	14.418	-0.137	14.429	-0.083	14.454	-0.011
12.045	-0.219	12.059	-0.295	12.067	-0.273	12.087	-0.006	14.476	-0.004	14.493	-0.009	14.508	-0.075	14.519	-0.123
12.095	-0.033	12.107	-0.029	12.124	-0.012	12.135	-0.010	14.530	-0.118	14.540	-0.011	14.549	-0.115	14.554	-0.173
12.148	-0.183	12.155	-0.254	12.161	-0.276	12.168	-0.258	14.561	-0.204	14.570	-0.187	14.577	-0.138	14.591	-0.059
12.179	-0.110	12.191	-0.029	12.202	-0.087	12.211	-0.034	14.601	-0.042	14.609	-0.055	14.622	-0.119	14.636	-0.177
12.222	-0.148	12.231	-0.285	12.236	-0.330	12.244	-0.342	14.646	-0.173	14.653	-0.129	14.659	-0.103	14.670	-0.063
12.256	-0.239	12.265	-0.132	12.278	-0.077	12.288	-0.077	14.680	-0.086	14.687	-0.153	14.701	-0.275	14.710	-0.306
12.296	-0.103	12.310	-0.039	12.317	-0.033	12.328	-0.128	14.718	-0.284	14.733	-0.183	14.739	-0.174	14.748	-0.193
12.339	-0.173	12.349	-0.152	12.359	-0.073	12.363	-0.042	14.759	-0.287	14.767	-0.305	14.774	-0.292	14.783	-0.213
12.372	-0.074	12.380	-0.097	12.391	-0.219	12.405	-0.247	14.793	-0.142	14.799	-0.124	14.808	-0.152	14.822	-0.286
12.418	-0.186	12.427	-0.106	12.439	-0.081	12.456	-0.171	14.828	-0.345	14.833	-0.376	14.841	-0.385	14.848	-0.350
12.467	-0.163	12.480	-0.075	12.496	-0.028	12.510	-0.065	14.857	-0.275	14.861	-0.253	14.869	-0.244	14.874	-0.258
12.522	-0.106	12.541	-0.107	12.549	-0.108	12.563	-0.149	14.885	-0.517	14.901	-0.335	14.915	-0.274	14.928	-0.176
12.576	-0.212	12.582	-0.212	12.594	-0.110	12.607	-0.071	14.934	-0.141	14.951	-0.071	14.971	-0.027	14.982	-0.001
12.619	-0.085	12.634	-0.148	12.645	-0.157	12.656	-0.090	14.992	-0.052	15.005	-0.069	15.014	-0.046	15.025	-0.030
12.665	-0.046	12.669	-0.046	12.674	-0.059	12.681	-0.131	15.036	-0.093	15.043	-0.112	15.051	-0.099	15.060	-0.023
12.689	-0.220	12.698	-0.291	12.705	-0.282	12.711	-0.233	15.064	-0.007	15.073	-0.011	15.081	-0.002	15.095	-0.093
12.722	-0.131	12.729	-0.091	12.739	-0.064	12.747	-0.095	15.105	-0.116	15.111	-0.094	15.121	-0.036	15.130	-0.043
12.757	-0.171	12.768	-0.225	12.776	-0.238	12.785	-0.234	15.138	-0.096	15.153	-0.135	15.167	-0.117	15.182	-0.116
12.794	-0.208	12.806	-0.168	12.815	-0.145	12.821	-0.146	15.197	-0.088	15.208	-0.051	15.232	-0.032	15.249	-0.009
12.830	-0.146	12.839	-0.155	12.843	-0.159	12.853	-0.106	15.262	-0.012	15.280	-0.127	15.290	-0.188	15.296	-0.201
12.863	-0.053	12.872	-0.027	12.878	-0.059	12.885	-0.090	15.304	-0.192	15.317	-0.106	15.328	-0.057	15.341	-0.029
12.893	-0.076	12.901	-0.027	12.911	-0.067	12.917	-0.120	15.354	-0.055	15.362	-0.068	15.368	-0.058	15.374	-0.018
12.922	-0.129	12.931	-0.121	12.943	-0.116	12.951	-0.156	15.389	-0.063	15.394	-0.064	15.403	-0.037	15.414	-0.038

15.424	0.131	15.432	0.175	15.443	0.178	15.453	0.129	18.021	-0.013	18.037	-0.054	18.055	-0.104	18.064	-0.131
15.464	0.075	15.471	0.061	15.480	0.087	15.492	0.135	18.069	-0.131	18.081	-0.079	18.095	-0.075	18.109	-0.098
15.497	0.135	15.503	0.126	15.514	0.085	15.523	0.103	18.116	-0.107	18.139	-0.108	18.146	-0.108	18.164	-0.122
15.535	0.012	15.543	0.033	15.559	0.090	15.563	0.039	18.175	-0.141	18.195	-0.111	18.204	-0.102	18.215	-0.116
15.571	0.085	15.582	0.026	15.588	-0.015	15.594	-0.015	18.233	-0.117	18.248	-0.117	18.268	-0.100	18.279	-0.110
15.601	0.006	15.618	0.059	15.635	0.048	15.648	0.011	18.286	-0.137	18.298	-0.191	18.314	-0.214	18.333	-0.144
15.654	0.002	15.670	0.014	15.682	0.062	15.692	0.083	18.345	-0.113	18.358	-0.122	18.377	-0.146	18.393	-0.142
15.715	0.099	15.727	0.075	15.737	0.021	15.747	-0.051	18.412	-0.120	18.432	-0.144	18.455	-0.114	18.478	-0.088
15.757	-0.141	15.768	-0.173	15.783	-0.277	15.795	-0.367	18.484	-0.021	18.499	0.040	18.514	0.066	18.529	0.128
15.802	-0.404	15.808	-0.404	15.814	-0.387	15.823	-0.316	18.545	-0.123	18.564	0.117	18.582	0.116	18.594	0.142
15.833	-0.241	15.846	-0.153	15.852	-0.127	15.871	-0.120	18.605	0.146	18.616	0.128	18.627	0.110	18.637	0.136
15.883	-0.054	15.887	-0.023	15.892	-0.024	15.898	-0.042	18.647	0.193	18.657	0.211	18.670	0.201	18.680	0.156
15.905	-0.100	15.918	-0.182	15.935	-0.232	15.948	-0.206	18.697	0.053	18.704	0.026	18.711	0.026	18.721	0.056
15.956	-0.140	15.963	-0.114	15.971	-0.110	15.983	-0.128	18.733	0.087	18.742	0.100	18.758	0.099	18.777	0.121
16.000	-0.103	16.008	-0.059	16.025	-0.024	16.039	-0.003	18.793	0.155	18.816	0.168	18.830	0.105	18.842	0.020
16.056	0.001	16.066	0.0	16.084	0.021	16.102	0.042	18.852	-0.008	18.866	0.027	18.881	0.039	18.896	0.102
16.117	0.055	16.135	0.076	16.153	0.128	16.168	0.150	18.910	0.074	18.924	0.078	18.938	0.136	18.943	0.140
16.175	0.172	16.186	0.167	16.201	0.144	16.219	0.161	18.954	0.090	18.967	0.008	18.972	-0.040	18.982	-0.049
16.243	0.168	16.255	0.114	16.270	0.042	16.287	0.059	18.995	-0.028	19.006	-0.010	19.019	-0.029	19.035	-0.065
16.295	0.112	16.306	0.089	16.311	0.089	16.317	0.062	19.043	-0.065	19.049	-0.048	19.062	-0.013	19.077	-0.009
16.334	0.057	16.340	0.079	16.357	0.198	16.366	0.220	19.095	-0.041	19.107	-0.046	19.129	0.011	19.147	0.015
16.374	0.193	16.389	0.076	16.396	-0.009	16.407	-0.036	19.165	-0.053	19.175	-0.062	19.192	-0.031	19.198	0.004
16.420	0.025	16.433	0.051	16.447	0.042	16.457	0.005	19.208	-0.001	19.229	-0.051	19.250	-0.038	19.267	-0.030
16.467	0.0	16.475	0.058	16.490	0.195	16.496	0.226	19.290	-0.089	19.313	-0.072	19.336	-0.069	19.345	-0.060
16.502	0.230	16.509	0.199	16.520	0.105	16.527	0.046	19.364	0.006	19.376	0.009	19.390	-0.013	19.404	-0.001
16.530	0.028	16.552	0.028	16.560	0.005	16.578	-0.058	19.417	0.035	19.430	0.016	19.448	-0.039	19.460	-0.053
16.586	-0.067	16.593	-0.045	16.606	0.070	16.617	0.154	19.469	-0.025	19.481	0.013	19.497	-0.022	19.507	-0.006
16.635	0.158	16.646	0.122	16.667	0.068	16.680	0.031	19.524	-0.060	19.530	-0.069	19.549	-0.043	19.563	-0.039
16.694	-0.009	16.709	0.003	16.721	0.063	16.735	-0.029	19.574	-0.066	19.586	-0.030	19.601	-0.036	19.612	0.026
16.744	-0.034	16.755	-0.003	16.770	0.064	16.775	0.090	19.624	0.070	19.641	0.087	19.652	0.073	19.666	0.015
16.790	0.103	16.795	0.090	16.808	0.049	16.814	0.035	19.675	-0.012	19.684	0.010	19.695	0.040	19.703	0.040
16.822	0.053	16.830	0.079	16.841	0.084	16.854	0.061	19.718	-0.014	19.729	-0.059	19.736	-0.068	19.745	-0.046
16.856	0.043	16.867	0.020	16.875	-0.060	16.881	-0.078	19.760	0.025	19.767	0.042	19.773	0.037	19.783	0.024
16.891	-0.065	16.895	-0.043	16.903	-0.003	16.916	0.019	19.795	-0.044	19.805	-0.062	19.811	-0.053	19.823	0.013
16.919	0.005	16.934	0.058	16.945	-0.098	16.954	-0.090	19.831	0.035	19.841	0.026	19.855	-0.001	19.871	-0.029
16.966	-0.059	16.978	-0.001	16.994	0.047	17.007	0.060	19.883	-0.042	19.904	-0.021	19.921	-0.026	19.941	-0.027
17.014	0.046	17.027	0.001	17.036	-0.017	17.048	-0.045	19.960	-0.045	19.970	-0.050	19.988	0.030	20.000	0.074
17.057	-0.090	17.068	-0.171	17.078	-0.216	17.087	-0.225	20.018	0.087	20.026	0.060	20.037	0.001	20.047	-0.030
17.098	-0.163	17.104	-0.114	17.113	-0.070	17.125	-0.022	20.064	-0.008	20.078	0.0	20.092	-0.009	20.107	-0.050
17.137	-0.031	17.151	-0.072	17.166	-0.077	17.180	-0.029	20.117	-0.081	20.131	-0.059	20.143	-0.037	20.161	-0.046
17.195	-0.021	17.205	-0.044	17.216	-0.129	17.226	-0.161	20.180	-0.029	20.198	0.007	20.208	0.016	20.221	-0.002
17.235	-0.148	17.244	-0.109	17.250	-0.083	17.260	-0.097	20.241	-0.020	20.259	-0.043	20.275	-0.012	20.296	0.015
17.273	-0.120	17.282	-0.112	17.294	-0.054	17.307	-0.002	20.311	0.050	20.326	0.063	20.340	0.059	20.360	0.076
17.326	-0.008	17.334	0.010	17.349	0.062	17.367	0.096	20.376	0.067	20.396	0.067	20.415	0.071	20.433	0.084
17.381	0.104	17.398	0.058	17.412	0.017	17.426	-0.019	20.444	0.057	20.453	0.030	20.463	-0.001	20.477	-0.006
17.443	-0.030	17.456	-0.013	17.472	0.048	17.490	0.110	20.497	0.025	20.510	0.025	20.523	0.006	20.532	-0.007
17.509	0.139	17.516	0.130	17.529	0.102	17.548	0.092	20.542	0.010	20.558	0.023	20.572	-0.018	20.585	-0.072
17.563	0.073	17.581	0.063	17.601	0.031	17.608	0.021	20.595	-0.063	20.610	-0.033	20.625	-0.007	20.645	-0.025
17.625	0.065	17.632	0.113	17.646	0.148	17.660	0.107	20.671	-0.049	20.695	-0.103	20.704	-0.130	20.718	-0.135
17.667	0.102	17.674	0.120	17.684	0.155	17.693	0.168	20.741	-0.087	20.748	-0.074	20.763	-0.039	20.778	-0.080
17.703	0.171	17.720	0.117	17.727	0.112	17.733	0.129	20.791	-0.094	20.867	-0.092	20.882	-0.066	20.890	-0.071
17.745	0.182	17.753	0.200	17.763	0.186	17.779	0.100	20.857	-0.101	20.867	-0.092	20.882	-0.066	20.890	-0.071
17.787	0.082	17.810	0.076	17.819	0.071	17.827	0.039	20.909	-0.112	20.924	-0.139	20.939	-0.136	20.953	-0.087
17.840	-0.020	17.850	-0.038	17.858	-0.034	17.866	-0.003	20.963	-0.072	20.976	-0.075	20.995	-0.111	21.012	-0.076
17.875	0.050	17.884	0.062	17.893	0.053	17.909	0.007	21.024	-0.037	21.044	-0.002	21.065	-0.003	21.085	-0.013
17.933	-0.012	17.954	-0.009	17.979	0.021	17.996	0.011	21.112	0.057	21.137	0.083	21.159	0.086	21.179	0.085

21.196	0.031	21.203	0.026	21.220	0.074	21.228	0.109	24.228	0.012	24.241	0.069	24.255	0.100	24.271	0.085
21.249	0.131	21.269	0.103	21.290	0.084	21.303	0.074	24.279	0.080	24.296	0.066	24.306	0.048	24.321	-0.007
21.312	0.083	21.325	0.118	21.337	0.137	21.356	0.161	24.329	-0.047	24.340	-0.066	24.355	-0.044	24.370	-0.001
21.371	0.134	21.379	0.124	21.396	0.137	21.413	0.132	24.383	0.021	24.399	0.015	24.416	0.010	24.435	0.009
21.427	0.105	21.433	0.082	21.445	0.086	21.458	0.094	24.447	0.017	24.463	-0.029	24.478	-0.074	24.488	-0.066
21.468	0.089	21.481	0.058	21.496	0.021	21.508	0.030	24.506	-0.023	24.517	-0.019	24.535	-0.042	24.550	-0.070
21.523	0.096	21.529	0.113	21.536	0.113	21.549	0.104	24.565	-0.080	24.584	-0.094	24.603	-0.091	24.623	-0.101
21.570	0.067	21.587	0.044	21.599	0.039	21.618	0.007	24.642	-0.045	24.659	-0.002	24.674	-0.008	24.689	-0.045
21.624	-0.011	21.632	0.015	21.641	0.037	21.653	0.045	24.709	-0.070	24.728	-0.080	24.746	-0.082	24.759	-0.048
21.669	0.013	21.681	-0.001	21.690	0.012	21.705	0.043	24.773	-0.023	24.783	-0.010	24.800	-0.016	24.816	0.0
21.716	0.037	21.725	-0.012	21.739	-0.057	21.750	-0.062	24.836	0.006	24.855	-0.013	24.869	-0.046	24.885	-0.075
21.765	-0.032	21.782	0.024	21.802	-0.029	21.814	-0.025	24.895	-0.044	24.909	0.016	24.925	0.033	24.942	0.0
21.829	0.019	21.842	0.040	21.860	0.048	21.871	0.038	24.953	-0.037	24.963	-0.037	24.981	-0.007	24.990	0.017
21.883	0.020	21.900	0.019	21.914	-0.004	21.922	-0.009	25.009	-0.049	25.024	-0.028	25.039	0.038	25.055	0.095
21.936	-0.001	21.949	0.047	21.957	0.078	21.968	0.095	25.066	-0.077	25.084	0.031	25.094	0.008	25.103	0.016
21.980	0.095	21.994	0.067	22.007	0.057	22.023	0.065	25.115	0.042	25.129	0.046	25.142	0.014	25.157	-0.005
22.031	0.056	22.043	0.024	22.051	-0.026	22.059	-0.035	25.168	0.008	25.181	0.065	25.190	0.091	25.196	0.100
22.072	-0.027	22.086	0.021	22.096	0.025	22.104	0.025	25.210	0.058	25.222	0.030	25.234	0.020	25.246	0.041
22.116	-0.003	22.127	-0.016	22.136	0.010	22.147	0.032	25.266	0.066	25.276	0.052	25.292	0.033	25.308	0.044
22.156	0.036	22.168	-0.009	22.178	-0.050	22.190	-0.086	25.326	0.087	25.337	0.099	25.352	0.082	25.376	0.059
22.200	-0.078	22.212	-0.025	22.218	0.011	22.228	0.015	25.400	0.084	25.415	0.084	25.433	0.066	25.456	0.080
22.238	-0.003	22.250	-0.040	22.259	-0.040	22.269	-0.014	25.465	0.080	25.474	0.075	25.484	0.062	25.492	0.044
22.278	0.017	22.295	0.016	22.306	-0.033	22.317	-0.074	25.501	0.031	25.509	0.035	25.521	0.058	25.528	0.084
22.329	-0.078	22.342	-0.016	22.355	0.006	22.367	-0.012	25.538	0.098	25.549	0.102	25.563	0.097	25.575	0.083
22.383	-0.026	22.393	-0.018	22.417	0.017	22.426	0.026	25.586	0.069	25.601	0.055	25.613	0.041	25.628	0.009
22.443	0.008	22.454	-0.006	22.470	0.012	22.491	0.029	25.638	-0.005	25.647	-0.015	25.662	-0.007	25.677	0.010
22.515	0.042	22.526	0.041	22.540	-0.008	22.553	-0.017	25.692	0.018	25.706	0.017	25.720	0.030	25.732	0.042
22.565	-0.004	22.584	0.027	22.600	0.044	22.616	0.030	25.746	0.024	25.764	0.018	25.774	0.018	25.789	0.025
22.631	-0.001	22.642	-0.011	22.655	0.025	22.666	0.024	25.804	0.016	25.817	0.003	25.827	-0.002	25.842	0.016
22.679	-0.029	22.689	-0.079	22.700	-0.102	22.713	-0.080	25.856	0.033	25.866	0.033	25.883	0.024	25.903	0.019
22.724	-0.041	22.737	-0.010	22.755	-0.065	22.763	-0.079	25.914	0.005	25.930	-0.009	25.946	-0.009	25.963	-0.005
22.778	-0.084	22.793	-0.055	22.808	-0.065	22.824	-0.089	25.974	0.003	25.990	0.034	26.005	0.064	26.013	0.069
22.834	-0.103	22.841	-0.086	22.853	-0.033	22.860	-0.012	26.026	0.059	26.038	0.019	26.050	0.0	26.065	-0.001
22.876	-0.013	22.890	-0.046	22.910	-0.087	22.924	-0.066	26.079	0.007	26.089	0.002	26.098	-0.021	26.108	-0.049
22.937	-0.054	22.958	-0.061	22.974	-0.049	22.994	-0.054	26.118	-0.067	26.127	-0.064	26.139	-0.038	26.148	-0.016
23.016	-0.065	23.029	-0.079	23.051	-0.084	23.064	-0.067	26.156	-0.017	26.166	-0.035	26.178	-0.062	26.188	-0.072
23.080	-0.027	23.091	-0.005	23.108	-0.010	23.125	-0.037	26.200	-0.072	26.215	-0.064	26.225	-0.073	26.236	-0.101
23.138	-0.060	23.150	-0.100	23.165	-0.092	23.180	-0.079	26.248	-0.115	26.266	-0.102	26.284	-0.072	26.293	-0.063
23.191	-0.048	23.201	-0.012	23.215	0.010	23.230	0.018	26.308	-0.072	26.324	-0.081	26.341	-0.086	26.359	-0.086
23.243	0.022	23.255	0.009	23.265	0.026	23.275	0.035	26.375	-0.077	26.388	-0.068	26.401	-0.086	26.412	-0.020
23.283	0.026	23.295	-0.001	23.308	-0.051	23.316	-0.065	26.422	0.002	26.433	0.006	26.447	0.001	26.459	0.010
23.325	-0.056	23.336	-0.025	23.348	0.014	23.358	0.009	26.474	0.018	26.485	0.031	26.498	0.039	26.509	0.034
23.375	-0.018	23.384	-0.005	23.399	0.052	23.410	0.069	26.523	0.024	26.535	0.018	26.545	0.031	26.555	0.053
23.422	0.055	23.435	0.001	23.448	-0.040	23.455	-0.053	26.563	0.052	26.573	0.042	26.584	0.019	26.593	0.005
23.467	-0.049	23.480	-0.010	23.491	0.016	23.511	0.020	26.600	0.0	26.610	0.009	26.622	0.013	26.635	0.003
23.528	0.033	23.544	0.067	23.562	0.084	23.575	0.043	26.645	-0.020	26.652	-0.025	26.662	-0.007	26.682	0.036
23.592	-0.007	23.611	0.001	23.628	0.005	23.649	0.021	26.693	0.062	26.705	0.076	26.724	0.076	26.749	0.075
23.666	0.042	23.677	0.055	23.695	0.054	23.708	0.031	26.769	0.080	26.786	0.075	26.796	0.084	26.814	0.093
23.723	0.008	23.742	-0.002	23.756	0.028	23.769	0.036	26.825	0.092	26.834	0.079	26.851	0.048	26.860	0.034
23.788	-0.004	23.806	0.043	23.819	0.038	23.837	0.006	26.873	0.038	26.891	0.052	26.909	0.069	26.922	0.074
23.867	0.004	23.865	0.009	23.876	0.026	23.890	0.039	26.937	0.077	26.948	0.094	26.958	0.116	26.967	0.125
23.898	0.034	23.914	0.038	23.931	0.046	23.951	0.045	26.978	0.115	26.994	0.079	27.008	0.051	27.023	0.037
23.967	0.053	23.987	0.043	24.000	0.055	24.018	0.031	27.039	0.032	27.052	0.018	27.065	0.012	27.075	0.030
24.036	0.036	24.053	0.022	24.069	0.007	24.081	0.057	27.087	0.047	27.097	0.034	27.109	0.059	27.121	0.040
24.100	0.095	24.119	0.094	24.133	0.071	24.152	0.012	27.136	0.030	27.145	0.034	27.163	0.048	27.171	0.030
24.167	-0.033	24.177	-0.047	24.195	-0.044	24.212	-0.041	27.186	-0.011	27.197	-0.042	27.213	-0.042	27.226	-0.029

27.242	-0.011	27.255	-0.020	27.269	-0.020	27.279	-0.007	30.001	0.068	30.017	0.086	30.034	0.095	30.044	0.090
27.288	0.011	27.301	-0.007	27.315	-0.011	27.329	-0.020	30.063	0.082	30.081	0.073	30.100	0.068	30.113	0.059
27.341	-0.016	27.358	-0.007	27.365	-0.016	27.381	-0.043	30.128	0.055	30.137	0.059	30.151	0.063	30.161	0.044
27.391	-0.036	27.404	-0.057	27.416	-0.039	27.433	-0.040	30.174	0.017	30.186	-0.015	30.194	-0.033	30.199	-0.034
27.447	-0.035	27.453	-0.027	27.468	-0.022	27.476	0.039	30.213	-0.021	30.226	-0.004	30.242	0.0	30.258	0.016
27.484	-0.053	27.493	-0.026	27.503	-0.019	27.513	0.033	30.264	0.012	30.276	-0.003	30.284	-0.007	30.300	0.014
27.524	-0.033	27.535	-0.016	27.548	-0.003	27.555	-0.007	30.314	0.013	30.331	0.016	30.348	0.015	30.355	0.019
27.563	-0.021	27.573	-0.043	27.581	-0.041	27.591	-0.026	30.365	0.036	30.375	0.036	30.388	0.013	30.402	-0.010
27.600	0.018	27.610	-0.049	27.624	0.062	27.631	0.066	30.412	-0.024	30.418	-0.020	30.429	-0.020	30.437	-0.002
27.646	0.052	27.666	0.047	27.682	0.042	27.691	0.033	30.446	0.002	30.453	-0.003	30.466	-0.012	30.481	-0.013
27.702	0.006	27.711	-0.012	27.718	-0.017	27.729	0.007	30.488	0.0	30.496	0.027	30.505	0.040	30.513	0.031
27.746	0.022	27.756	0.035	27.769	0.030	27.780	0.007	30.524	0.008	30.535	-0.001	30.545	-0.005	30.560	-0.005
27.792	0.001	27.804	0.014	27.817	0.036	27.827	0.040	30.566	-0.005	30.575	-0.019	30.587	-0.032	30.600	-0.046
27.843	0.030	27.856	0.021	27.870	0.029	27.883	0.051	30.607	-0.051	30.620	-0.024	30.633	-0.002	30.641	0.020
27.896	0.059	27.911	0.050	27.930	0.036	27.942	0.040	30.652	0.028	30.662	0.019	30.672	0.005	30.684	-0.017
27.959	0.062	27.974	0.071	27.987	0.053	28.001	0.036	30.690	-0.022	30.704	-0.013	30.716	0.0	30.727	-0.015
28.011	0.036	28.029	0.044	28.038	0.040	28.051	0.027	30.742	-0.024	30.750	-0.029	30.762	-0.012	30.772	0.018
28.065	0.018	28.078	0.022	28.088	0.049	28.099	0.063	30.781	0.031	30.790	0.035	30.801	0.030	30.811	0.016
28.109	0.063	28.124	0.027	28.134	-0.004	28.144	-0.008	30.820	0.015	30.829	0.019	30.837	0.036	30.848	0.045
28.157	-0.004	28.172	0.001	28.185	-0.008	28.199	-0.022	30.862	0.044	30.878	0.043	30.891	0.033	30.907	0.023
28.211	-0.022	28.222	-0.013	28.234	0.009	28.245	0.014	30.913	0.023	30.929	0.027	30.939	0.026	30.950	0.008
28.258	0.018	28.274	0.027	28.294	0.031	28.309	0.035	30.963	-0.010	30.974	-0.010	30.986	-0.020	30.993	-0.020
28.322	0.026	28.331	0.003	28.343	-0.015	28.356	-0.033	31.005	0.002	31.015	0.024	31.030	0.037	31.040	0.054
28.368	-0.037	28.380	-0.024	28.392	-0.011	28.401	-0.007	31.048	0.050	31.063	0.028	31.077	-0.004	31.088	-0.013
28.413	-0.011	28.422	-0.016	28.436	-0.012	28.447	0.006	31.099	0.005	31.108	0.023	31.115	0.027	31.120	0.014
28.457	0.019	28.471	0.010	28.483	0.014	28.496	0.009	31.129	-0.022	31.138	-0.067	31.149	-0.085	31.156	-0.067
28.511	0.013	28.527	0.027	28.544	0.031	28.560	0.035	31.169	-0.014	31.180	-0.035	31.189	0.057	31.195	0.052
28.575	0.035	28.593	0.035	28.606	0.039	28.618	0.044	31.204	0.029	31.214	0.011	31.224	0.011	31.234	0.015
28.631	0.030	28.646	0.021	28.658	0.025	28.674	0.052	31.240	0.024	31.248	0.010	31.257	-0.026	31.268	-0.071
28.685	0.069	28.696	0.073	28.709	0.069	28.724	0.059	31.276	-0.089	31.282	-0.090	31.293	-0.072	31.305	-0.046
28.739	0.046	28.753	0.028	28.769	0.019	28.784	0.005	31.314	-0.020	31.323	-0.020	31.334	-0.038	31.348	-0.043
28.800	0.005	28.818	0.013	28.832	0.017	28.848	0.004	31.360	-0.035	31.374	-0.018	31.390	-0.005	31.399	-0.010
28.864	-0.001	28.880	-0.006	28.888	-0.023	28.899	-0.041	31.414	-0.033	31.432	-0.038	31.442	-0.043	31.454	-0.030
28.911	-0.045	28.923	-0.040	28.940	0.0	28.945	-0.013	31.464	-0.026	31.476	-0.031	31.488	-0.050	31.496	-0.046
28.958	-0.013	28.970	-0.021	28.982	-0.026	28.993	-0.021	31.509	-0.028	31.518	-0.015	31.527	-0.011	31.535	-0.016
29.002	-0.012	29.012	-0.021	29.021	-0.035	29.033	-0.039	31.540	-0.034	31.550	-0.048	31.559	-0.048	31.570	-0.035
29.046	-0.030	29.059	-0.017	29.068	-0.017	29.079	-0.039	31.578	-0.013	31.588	0.005	31.599	0.005	31.609	-0.009
29.093	-0.057	29.099	-0.062	29.113	-0.036	29.123	-0.023	31.621	-0.014	31.633	-0.010	31.647	0.003	31.656	-0.006
29.128	-0.018	29.139	-0.041	29.151	-0.051	29.160	-0.042	31.666	-0.028	31.679	-0.042	31.690	-0.046	31.705	-0.033
29.175	-0.025	29.187	-0.021	29.201	-0.026	29.211	-0.026	31.718	-0.015	31.727	-0.015	31.743	-0.020	31.756	-0.016
29.226	-0.018	29.236	-0.023	29.245	-0.027	29.251	-0.032	31.770	-0.007	31.788	-0.007	31.802	-0.008	31.818	-0.017
29.263	-0.028	29.278	-0.008	29.290	0.017	29.301	0.003	31.834	-0.013	31.850	-0.018	31.865	-0.023	31.882	-0.010
29.316	-0.028	29.323	-0.029	29.335	-0.015	29.347	0.002	31.898	-0.006	31.916	0.007	31.932	0.007	31.941	0.011
29.355	0.011	29.366	0.015	29.384	0.011	29.403	0.011	31.958	-0.033	31.969	0.019	31.983	0.001	31.994	-0.017
29.412	0.020	29.423	0.042	29.433	0.051	29.443	0.047	32.009	-0.008	32.022	0.018	32.034	0.027	32.048	0.018
29.457	0.038	29.470	0.024	29.480	0.029	29.491	0.042	32.064	0.027	32.079	0.040	32.093	0.048	32.106	0.035
29.499	0.051	29.514	0.055	29.527	0.051	29.539	0.055	32.122	0.034	32.139	0.034	32.158	0.024	32.175	0.019
29.550	0.063	29.561	0.076	29.571	0.075	29.577	0.075	32.191	0.023	32.202	0.022	32.216	0.013	32.231	0.003
29.588	0.052	29.599	0.038	29.610	0.038	29.627	0.055	32.249	0.025	32.262	0.037	32.274	0.037	32.283	0.019
29.640	0.045	29.653	0.022	29.661	0.022	29.674	0.034	32.298	0.0	32.306	0.004	32.318	0.035	32.333	0.052
29.686	0.055	29.701	0.067	29.712	0.067	29.732	0.065	32.342	0.038	32.355	0.020	32.367	0.028	32.378	0.050
29.748	0.073	29.762	0.080	29.772	0.071	29.783	0.043	32.389	0.063	32.400	0.063	32.410	0.040	32.417	0.031
29.795	0.029	29.804	0.024	29.815	0.032	29.825	0.049	32.426	0.026	32.436	0.035	32.451	0.044	32.465	0.048
29.836	0.062	29.849	0.070	29.864	0.070	29.875	0.078	32.476	0.047	32.484	0.034	32.495	0.029	32.510	0.042
29.889	0.091	29.901	0.099	29.914	0.081	29.930	0.062	32.521	0.046	32.536	0.050	32.548	0.059	32.561	0.081
29.939	0.049	29.952	0.049	29.970	0.058	29.986	0.063	32.571	0.085	32.581	0.084	32.594	0.062	32.601	0.053

32.606	0.048	32.617	0.066	32.628	0.083	32.639	0.074	35.044	-0.031	35.058	-0.018	35.072	0.001	35.084	0.010
32.651	0.056	32.664	0.042	32.669	0.037	32.680	0.041	35.095	0.001	35.106	-0.016	35.112	-0.020	35.123	0.002
32.688	0.059	32.696	0.068	32.707	0.058	32.717	0.045	35.135	0.029	35.146	0.052	35.157	0.061	35.167	0.048
32.727	0.036	32.738	0.044	32.749	0.057	32.757	0.062	35.175	0.030	35.186	0.008	35.190	0.008	35.199	0.013
32.768	0.053	32.780	0.039	32.796	0.034	32.813	0.034	35.205	0.039	35.218	0.053	35.226	0.044	35.236	0.031
32.826	0.042	32.840	0.033	32.857	0.037	32.868	0.054	35.249	0.013	35.261	0.018	35.274	0.031	35.288	0.044
32.879	0.071	32.890	0.057	32.902	0.030	32.913	0.020	35.297	0.048	35.308	0.030	35.320	0.012	35.330	0.007
32.925	0.028	32.937	0.037	32.944	0.036	32.958	0.026	35.342	0.033	35.357	0.077	35.367	0.095	35.378	0.081
32.964	0.007	32.973	-0.012	32.988	0.0	32.999	0.012	35.390	0.054	35.403	0.036	35.419	0.027	35.434	0.040
33.010	0.015	33.023	0.001	33.036	-0.001	33.047	0.011	35.450	0.044	35.466	0.039	35.482	0.048	35.492	0.066
33.059	0.036	33.070	0.053	33.079	0.039	33.084	0.016	35.507	0.075	35.521	0.084	35.534	0.094	35.548	0.112
33.100	0.015	33.114	0.018	33.128	0.021	33.139	0.025	35.557	0.099	35.570	0.072	35.579	0.046	35.589	0.037
33.148	0.015	33.157	-0.004	33.167	-0.013	33.176	-0.010	35.602	0.046	35.612	0.064	35.621	0.068	35.632	0.061
33.187	0.016	33.195	0.025	33.205	0.029	33.217	0.025	35.640	0.048	35.648	0.034	35.664	0.048	35.675	0.053
33.225	0.011	33.238	0.002	33.250	0.006	33.262	0.019	35.683	0.053	35.693	0.036	35.703	0.001	35.711	-0.021
33.275	0.028	33.285	0.019	33.295	0.001	33.307	-0.008	35.718	-0.026	35.728	0.001	35.738	0.046	35.751	0.060
33.321	0.009	33.332	0.027	33.346	0.031	33.360	0.035	35.762	0.042	35.772	0.002	35.782	-0.020	35.789	-0.024
33.374	0.039	33.385	0.052	33.391	0.056	33.397	0.042	35.801	-0.006	35.815	0.034	35.825	0.052	35.832	0.056
33.408	0.024	33.419	0.018	33.428	0.027	33.438	0.048	35.839	0.043	35.850	0.007	35.861	-0.010	35.875	-0.006
33.447	0.070	33.455	0.078	33.463	0.064	33.473	0.028	35.889	0.016	35.903	0.034	35.909	0.043	35.917	0.030
33.483	0.0	33.492	-0.009	33.505	-0.006	33.520	0.007	35.930	0.008	35.936	-0.001	35.948	0.003	35.962	0.012
33.532	0.015	33.544	0.023	33.558	0.017	33.568	0.008	35.974	-0.002	35.989	-0.020	35.998	-0.024	36.011	-0.011
33.579	0.002	33.587	0.020	33.596	0.046	33.606	0.063	36.026	0.002	36.041	-0.007	36.054	-0.011	36.070	-0.003
33.614	0.045	33.624	0.022	33.632	-0.009	33.644	-0.019	36.085	0.014	36.097	0.027	36.105	0.032	36.116	0.009
33.655	0.008	33.665	0.047	33.673	0.047	33.679	0.043	36.127	-0.009	36.137	-0.028	36.146	-0.032	36.157	-0.010
33.691	-0.002	33.702	-0.030	33.707	-0.034	33.719	-0.021	36.166	0.012	36.173	0.016	36.184	0.006	36.196	-0.016
33.732	0.023	33.745	0.045	33.750	0.041	33.755	0.019	36.209	-0.026	36.223	-0.017	36.236	0.0	36.242	0.004
33.765	-0.013	33.774	-0.026	33.780	-0.013	33.791	0.049	36.250	-0.014	36.262	-0.046	36.270	-0.051	36.280	0.008
33.800	0.072	33.808	0.076	33.814	0.071	33.825	0.036	36.291	0.002	36.306	0.019	36.313	0.028	36.321	0.010
33.835	0.013	33.840	0.009	33.850	0.022	33.862	0.062	36.335	-0.022	36.342	-0.031	36.355	-0.023	36.367	-0.010
33.871	0.070	33.876	0.061	33.887	0.016	33.896	-0.011	36.377	-0.010	36.387	-0.020	36.400	-0.042	36.411	-0.031
33.908	-0.016	33.918	0.002	33.929	0.037	33.938	0.063	36.427	-0.047	36.441	-0.030	36.454	-0.012	36.465	-0.026
33.949	0.067	33.959	0.049	33.968	0.018	33.979	0.008	36.478	-0.040	36.486	-0.040	36.503	-0.018	36.517	0.0
33.995	0.004	34.004	-0.010	34.018	-0.019	34.036	-0.020	36.532	0.013	36.547	0.004	36.564	-0.010	36.575	-0.015
34.051	-0.025	34.062	-0.025	34.072	-0.008	34.084	0.028	36.586	0.003	36.599	0.030	36.612	0.038	36.626	0.038
34.093	0.045	34.100	0.049	34.112	0.036	34.121	0.018	36.643	0.024	36.663	0.015	36.685	0.014	36.704	0.014
34.130	0.017	34.139	0.044	34.149	0.070	34.157	0.083	36.719	0.018	36.734	0.044	36.749	0.066	36.764	0.070
34.164	0.074	34.173	0.034	34.181	0.011	34.187	-0.003	36.773	0.057	36.785	0.051	36.803	0.064	36.823	0.076
34.199	0.009	34.212	0.035	34.223	0.052	34.235	0.051	36.833	0.058	36.846	0.031	36.862	0.012	36.871	0.021
34.246	0.027	34.261	-0.005	34.272	-0.019	34.283	-0.029	36.885	0.038	36.892	0.042	36.903	0.041	36.916	0.023
34.299	-0.025	34.310	-0.013	34.321	-0.013	34.336	-0.014	36.930	0.014	36.947	0.022	36.962	0.035	36.969	0.039
34.348	-0.006	34.361	0.012	34.371	0.029	34.382	0.046	36.978	0.017	36.988	-0.006	36.994	-0.006	37.005	0.016
34.390	0.037	34.405	0.014	34.416	-0.003	34.427	-0.008	37.016	0.065	37.027	0.091	37.034	0.082	37.045	0.050
34.440	-0.003	34.450	-0.003	34.466	-0.012	34.479	-0.007	37.055	0.019	37.060	0.014	37.069	0.032	37.079	0.068
34.495	-0.020	34.508	-0.020	34.520	-0.011	34.534	0.007	37.086	0.081	37.095	0.063	37.107	0.010	37.121	-0.008
34.549	0.020	34.556	0.016	34.566	-0.002	34.579	-0.028	37.131	-0.008	37.145	0.019	37.158	0.032	37.168	0.028
34.598	-0.024	34.612	-0.019	34.626	-0.028	34.641	-0.037	37.184	0.023	37.195	0.049	37.212	0.059	37.222	0.050
34.654	-0.037	34.673	-0.033	34.693	-0.033	34.706	-0.015	37.237	0.028	37.245	0.019	37.257	0.019	37.273	0.032
34.721	-0.002	34.730	-0.006	34.742	-0.024	34.753	-0.033	37.288	0.045	37.305	0.072	37.320	0.099	37.333	0.107
34.766	-0.020	34.779	0.011	34.788	-0.012	34.795	-0.065	37.346	0.094	37.359	0.076	37.369	0.072	37.387	0.089
34.806	-0.088	34.816	-0.079	34.830	-0.044	34.842	-0.009	37.395	0.094	37.407	0.076	37.420	0.058	37.434	0.080
34.852	0.004	34.861	-0.009	34.869	-0.032	34.878	-0.041	37.445	0.107	37.456	0.120	37.468	0.106	37.478	0.071
34.890	-0.015	34.899	0.020	34.906	0.025	34.914	0.011	37.491	0.053	37.503	0.070	37.517	0.083	37.529	0.065
34.923	0.002	34.932	-0.020	34.942	-0.029	34.951	-0.030	37.544	0.025	37.556	0.020	37.569	0.034	37.579	0.051
34.962	-0.016	34.970	0.001	34.978	0.010	34.990	0.010	37.589	0.060	37.595	0.042	37.606	0.020	37.614	0.020
35.003	0.001	35.016	0.001	35.023	-0.013	35.036	-0.026	37.621	0.024	37.631	0.041	37.643	0.050	37.653	0.041

37.669	0.014	37.683	-0.005	37.700	-0.001	37.715	-0.001	40.964	-0.003	40.984	0.013	40.997	0.021	41.014	0.011
37.729	-0.015	37.742	-0.020	37.754	-0.007	37.771	0.011	41.032	-0.004	41.050	0.008	41.071	-0.007	41.083	-0.025
37.783	0.006	37.797	-0.008	37.819	-0.026	37.839	0.037	41.100	-0.004	41.124	-0.001	41.140	-0.016	41.158	-0.025
37.852	-0.027	37.871	-0.040	37.890	-0.045	37.905	-0.018	41.185	0.005	41.196	0.009	41.216	0.004	41.238	-0.019
37.916	0.008	37.928	0.017	37.940	0.004	37.954	0.003	41.252	-0.011	41.270	0.011	41.282	0.006	41.298	-0.008
37.969	0.012	37.985	0.016	37.995	0.020	38.006	0.006	41.317	-0.013	41.339	-0.023	41.358	-0.028	41.376	-0.015
38.018	0.006	38.037	0.019	38.056	0.022	38.077	0.012	41.393	-0.011	41.413	-0.004	41.432	-0.009	41.449	-0.024
38.096	0.011	38.109	0.014	38.123	-0.009	38.137	-0.019	41.468	-0.002	41.484	-0.012	41.498	-0.040	41.517	-0.045
38.150	-0.002	38.161	0.033	38.175	0.041	38.185	0.032	41.531	-0.024	41.545	-0.020	41.557	-0.030	41.576	-0.026
38.195	0.022	38.208	0.004	38.219	-0.006	38.228	-0.006	41.594	-0.014	41.613	-0.019	41.628	-0.024	41.642	-0.021
38.239	-0.011	38.247	-0.012	38.257	-0.017	38.267	-0.022	41.660	0.005	41.676	0.018	41.692	0.022	41.707	0.040
38.277	-0.018	38.290	-0.014	38.298	-0.010	38.307	-0.002	41.722	-0.002	41.741	-0.003	41.759	0.018	41.771	0.040
38.322	-0.002	38.334	-0.021	38.342	-0.035	38.354	-0.022	41.789	0.031	41.809	0.030	41.826	0.029	41.843	-0.008
38.363	-0.004	38.375	0.013	38.383	0.004	38.392	-0.006	41.862	-0.031	41.878	-0.001	41.891	0.016	41.907	0.024
38.402	-0.019	38.410	-0.020	38.422	-0.011	38.431	0.011	41.923	0.019	41.940	0.022	41.960	0.026	41.979	0.024
38.446	0.019	38.454	0.028	38.466	0.009	38.479	0.022	41.994	0.010	42.013	0.018	42.030	0.026	42.051	0.029
38.493	0.031	38.501	0.030	38.514	0.025	38.526	0.012	42.068	0.028	42.088	0.036	42.107	0.026	42.120	0.026
38.535	0.003	38.544	0.007	38.555	0.020	38.565	0.033	42.135	0.038	42.149	0.042	42.163	0.033	42.181	0.032
38.574	0.041	38.585	0.032	38.596	0.027	38.603	0.027	42.196	0.040	42.211	0.048	42.226	0.052	42.241	0.052
38.617	0.045	38.624	0.062	38.638	0.066	38.652	0.044	42.258	0.042	42.276	0.037	42.293	0.023	42.307	0.036
38.666	0.008	38.672	-0.023	38.681	-0.015	38.691	-0.001	42.326	0.054	42.339	0.053	42.353	0.026	42.369	0.017
38.704	0.016	38.720	0.016	38.734	0.020	38.743	0.016	42.384	0.026	42.399	0.044	42.414	0.057	42.435	0.057
38.759	0.024	38.772	0.033	38.782	0.032	38.791	0.028	42.453	0.056	42.472	0.056	42.492	0.056	42.508	0.056
38.801	0.018	38.818	0.013	38.834	0.008	38.842	0.012	42.523	0.056	42.540	0.060	42.554	0.051	42.570	0.037
38.857	-0.025	38.864	0.016	38.879	0.011	38.887	0.020	42.576	0.033	42.587	0.046	42.596	0.068	42.606	0.076
38.903	0.050	38.913	0.058	38.927	0.053	38.941	0.021	42.617	0.067	42.634	0.039	42.645	0.021	42.658	0.029
38.949	0.011	38.959	0.006	38.975	0.014	38.984	0.009	42.667	0.047	42.676	0.047	42.686	0.019	42.696	0.001
39.003	-0.019	39.008	-0.014	39.029	-0.007	39.047	-0.012	42.707	-0.008	42.717	0.009	42.727	0.031	42.741	0.031
39.063	-0.017	39.073	-0.022	39.086	0.008	39.094	0.026	42.752	-0.021	42.772	-0.020	42.783	-0.011	42.805	0.010
39.108	0.038	39.119	0.029	39.134	0.014	39.151	0.005	42.820	0.010	42.834	-0.004	42.849	0.004	42.862	0.013
39.170	0.018	39.181	0.017	39.196	0.008	39.211	-0.020	42.874	0.013	42.885	-0.005	42.896	-0.005	42.905	0.003
39.231	-0.029	39.245	-0.030	39.267	-0.004	39.290	0.004	42.921	-0.021	42.937	0.025	42.950	0.011	42.967	0.011
39.304	0.030	39.318	0.043	39.333	0.033	39.348	0.001	42.978	0.011	42.987	0.020	43.000	0.010	43.014	0.010
39.365	-0.027	39.384	-0.027	39.394	-0.037	39.414	-0.047	43.038	0.0	43.057	-0.005	43.077	-0.010	43.096	-0.019
39.424	-0.038	39.442	0.001	39.463	0.027	39.480	0.013	43.105	-0.010	43.123	-0.011	43.138	-0.020	43.156	-0.026
39.497	-0.019	39.516	-0.025	39.532	-0.012	39.547	-0.017	43.172	-0.035	43.186	-0.031	43.203	-0.036	43.217	-0.032
39.562	-0.018	39.583	0.008	39.602	0.016	39.624	0.010	43.232	-0.024	43.249	-0.029	43.264	-0.038	43.278	-0.021
39.639	0.001	39.655	-0.009	39.672	-0.005	39.691	-0.006	43.293	-0.003	43.305	0.014	43.318	-0.017	43.334	-0.022
39.712	-0.007	39.735	0.014	39.759	0.004	39.777	-0.024	43.349	-0.009	43.362	0.009	43.375	0.008	43.388	-0.014
39.796	-0.052	39.806	-0.048	39.825	-0.022	39.844	-0.010	43.398	-0.010	43.416	0.003	43.431	0.017	43.450	0.007
39.865	-0.011	39.874	-0.003	39.890	0.009	39.908	-0.010	43.466	-0.011	43.477	-0.033	43.492	-0.025	43.507	-0.021
39.929	-0.003	39.943	0.014	39.965	0.013	39.980	-0.002	43.522	-0.017	43.538	-0.009	43.548	-0.005		
39.998	0.010	40.015	0.009	40.039	0.035	40.050	0.052								
40.060	0.061	40.070	0.042	40.084	0.015	40.093	0.015								
40.107	0.036	40.118	0.036	40.131	0.018	40.145	-0.005								
40.166	-0.010	40.183	0.012	40.198	0.016	40.218	0.034								
40.239	0.029	40.258	0.006	40.280	0.005	40.298	0.005								
40.318	-0.009	40.338	-0.015	40.349	-0.020	40.367	-0.003								
40.387	0.014	40.408	0.0	40.429	0.016	40.447	0.033								
40.466	0.014	40.483	-0.005	40.500	-0.006	40.516	0.007								
40.538	-0.003	40.556	-0.009	40.571	-0.005	40.591	0.017								
40.612	-0.002	40.630	-0.012	40.648	0.014	40.666	0.036								
40.679	0.031	40.696	0.018	40.715	0.053	40.734	0.061								
40.751	0.048	40.765	0.029	40.778	0.025	40.797	0.028								
40.812	0.014	40.828	0.009	40.849	0.031	40.869	0.039								
40.888	0.029	40.906	0.023	40.929	0.022	40.950	0.002								

71.193 2/9/71 0600PST L.A. 6464 SUNSET BLVD. 12TH FL. SOUTH

3755 POINTS 42.738 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.4628 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.050	0.019	0.050	0.030	0.050	0.043	0.036	1.648	0.021	1.662	0.348	1.673	0.068	1.683	0.082	1.692	0.082	1.702	0.074
0.056	0.036	0.068	0.035	0.082	0.021	0.097	0.021	1.692	0.082	1.702	0.074	1.713	0.047	1.728	0.019	1.738	0.019	1.748	0.019
0.106	0.014	0.118	-0.066	0.129	-0.013	0.137	-0.014	1.748	-0.015	1.758	-0.022	1.765	-0.015	1.777	-0.016	1.788	-0.016	1.798	-0.022
0.149	-0.014	0.158	-0.014	0.169	-0.007	0.182	0.013	1.788	0.016	1.798	0.011	1.806	0.052	1.817	0.065	1.829	0.065	1.839	0.052
0.195	0.026	0.205	0.026	0.218	0.033	0.230	0.032	1.829	0.086	1.838	0.092	1.850	0.078	1.865	0.051	1.877	0.086	1.887	0.092
0.237	0.032	0.248	0.032	0.258	0.025	0.269	0.018	1.877	0.025	1.887	0.024	1.900	-0.004	1.909	-0.018	1.917	-0.004	1.929	-0.011
0.278	0.031	0.291	0.034	0.294	-0.010	0.305	0.004	1.917	-0.025	1.931	0.011	1.940	-0.018	1.949	-0.025	1.960	-0.018	1.971	-0.011
0.320	0.024	0.327	0.038	0.341	0.051	0.349	0.064	1.960	-0.025	1.969	-0.018	1.981	0.002	1.996	0.009	2.007	0.016	2.017	0.009
0.357	0.078	0.366	0.085	0.378	0.091	0.386	0.077	2.007	0.016	2.017	0.009	2.034	0.030	2.045	0.059	2.057	0.077	2.067	0.084
0.392	0.071	0.399	0.043	0.408	0.036	0.417	0.036	2.057	0.077	2.067	0.084	2.083	0.084	2.093	0.098	2.105	0.084	2.117	0.071
0.427	0.016	0.438	-0.005	0.448	0.015	0.461	0.029	2.105	0.084	2.117	0.071	2.128	0.064	2.138	0.064	2.152	0.037	2.162	0.037
0.471	0.029	0.480	0.008	0.492	0.015	0.505	0.035	2.152	0.037	2.162	0.037	2.173	0.024	2.183	0.033	2.193	0.010	2.203	0.010
0.517	0.042	0.529	0.056	0.543	0.056	0.555	0.065	2.193	0.010	2.203	0.010	2.214	0.024	2.224	0.065	2.238	0.092	2.247	0.106
0.566	0.076	0.582	0.076	0.591	0.082	0.604	0.089	2.238	0.092	2.247	0.106	2.257	0.147	2.268	0.174	2.280	0.108	2.288	0.108
0.612	0.075	0.624	0.041	0.637	0.020	0.651	0.026	2.280	0.108	2.288	0.108	2.301	0.027	2.306	0.141	2.316	0.027	2.323	0.081
0.662	-0.014	0.675	-0.015	0.687	-0.015	0.697	-0.029	2.316	0.027	2.323	0.081	2.331	0.027	2.340	-0.014	2.354	0.036	2.363	0.036
0.705	-0.015	0.716	-0.012	0.725	0.025	0.736	0.039	2.349	-0.054	2.358	-0.054	2.368	-0.033	2.379	-0.032	2.390	-0.052	2.401	-0.011
0.745	0.025	0.755	0.034	0.763	-0.016	0.775	-0.030	2.390	-0.052	2.401	-0.011	2.411	0.017	2.423	0.031	2.437	0.052	2.444	0.080
0.784	-0.044	0.793	-0.038	0.804	-0.024	0.812	-0.018	2.437	0.052	2.444	0.080	2.456	0.087	2.467	0.122	2.476	0.142	2.486	0.163
0.824	0.016	0.833	0.029	0.843	0.049	0.850	0.076	2.476	0.142	2.486	0.163	2.496	0.164	2.506	0.151	2.518	0.145	2.530	0.098
0.858	0.083	0.866	0.082	0.878	0.089	0.885	0.068	2.518	0.145	2.530	0.098	2.538	0.050	2.548	0.003	2.559	0.015	2.570	0.036
0.892	0.061	0.899	0.061	0.908	0.060	0.916	0.067	2.564	-0.023	2.576	-0.036	2.586	-0.036	2.591	-0.015	2.603	-0.015	2.614	-0.015
0.925	0.087	0.935	0.100	0.943	0.114	0.947	0.114	2.634	0.013	2.646	0.034	2.655	-0.006	2.667	-0.040	2.678	-0.040	2.689	-0.040
0.962	0.099	0.972	0.112	0.978	0.084	0.987	0.084	2.683	-0.106	2.695	-0.093	2.706	-0.036	2.718	-0.052	2.729	-0.052	2.740	-0.052
0.999	0.050	1.007	0.022	1.019	-0.006	1.027	-0.020	2.683	-0.106	2.695	-0.093	2.706	-0.036	2.718	-0.052	2.729	-0.052	2.740	-0.052
1.038	-0.007	1.049	-0.001	1.058	0.012	1.067	0.046	2.725	-0.031	2.734	0.017	2.741	0.024	2.749	-0.004	2.759	-0.004	2.769	-0.004
1.076	0.059	1.086	0.059	1.096	0.044	1.108	0.044	2.762	-0.051	2.773	-0.062	2.786	-0.078	2.794	-0.092	2.805	-0.112	2.813	-0.132
1.116	0.037	1.129	0.015	1.142	0.008	1.149	0.008	2.805	-0.126	2.813	-0.132	2.825	-0.112	2.835	-0.098	2.846	-0.084	2.856	-0.057
1.157	0.007	1.167	0.021	1.179	0.028	1.187	0.048	2.846	-0.084	2.856	-0.057	2.868	-0.023	2.880	-0.003	2.891	-0.003	2.901	-0.003
1.196	0.089	1.208	0.109	1.216	0.109	1.226	0.088	2.890	0.037	2.897	0.003	2.912	-0.011	2.924	-0.024	2.935	-0.024	2.946	-0.024
1.236	0.067	1.246	0.040	1.255	-0.001	1.266	-0.022	2.935	-0.031	2.944	-0.018	2.954	-0.025	2.968	0.016	2.979	0.016	2.989	0.016
1.276	-0.036	1.283	-0.036	1.292	-0.036	1.301	-0.022	2.975	0.036	2.987	0.056	2.999	0.070	3.006	0.063	3.017	0.063	3.028	0.063
1.313	-0.039	1.321	0.004	1.331	0.034	1.342	0.004	3.014	0.036	3.022	0.103	3.030	0.096	3.038	0.083	3.049	0.083	3.059	0.083
1.352	0.018	1.361	0.038	1.369	0.061	1.377	0.004	3.045	0.103	3.057	0.123	3.066	0.123	3.078	0.103	3.089	0.103	3.100	0.103
1.386	-0.009	1.399	-0.016	1.404	-0.016	1.416	-0.016	3.088	0.102	3.100	0.109	3.112	0.123	3.126	0.109	3.137	0.109	3.149	0.109
1.429	0.031	1.440	0.025	1.453	0.038	1.459	0.031	3.138	0.075	3.147	0.047	3.153	0.007	3.166	-0.034	3.177	-0.034	3.189	-0.034
1.477	0.031	1.486	0.031	1.493	0.004	1.504	-0.003	3.176	-0.055	3.189	-0.082	3.199	-0.089	3.212	-0.096	3.224	-0.096	3.235	-0.096
1.512	-0.009	1.523	0.018	1.539	0.011	1.550	0.010	3.224	-0.103	3.233	-0.096	3.243	-0.089	3.252	-0.082	3.263	-0.082	3.273	-0.082
1.562	0.010	1.569	0.023	1.582	0.010	1.597	0.023	3.263	-0.082	3.273	-0.089	3.283	-0.103	3.293	-0.103	3.303	-0.103	3.313	-0.103
1.607	0.036	1.614	0.015	1.626	0.015	1.635	0.001	3.293	-0.096	3.299	-0.096	3.306	-0.103	3.313	-0.103	3.320	-0.103	3.327	-0.103

3.315	-0.150	3.328	-0.102	3.342	-0.075	3.351	-0.054	5.553	0.046	5.560	0.046	5.571	0.066	5.581	0.101
3.361	-0.027	3.371	-0.006	3.383	0.028	3.391	0.035	5.591	0.142	5.603	0.176	5.614	0.217	5.619	0.279
3.399	0.014	3.405	0.001	3.420	0.021	3.432	0.035	5.629	0.320	5.639	0.354	5.649	0.388	5.659	0.429
3.444	0.049	3.459	0.063	3.469	0.070	3.475	0.090	5.668	0.457	5.674	0.457	5.684	0.416	5.694	0.375
3.484	0.111	3.492	0.138	3.502	0.145	3.509	0.152	5.704	0.321	5.712	0.260	5.721	0.171	5.732	0.117
3.519	0.146	3.527	0.166	3.535	0.180	3.544	0.187	5.738	0.097	5.745	0.001	5.758	-0.053	5.771	-0.100
3.557	0.180	3.563	0.208	3.570	0.262	3.577	0.317	5.777	-0.127	5.791	-0.161	5.801	-0.222	5.810	-0.202
3.586	0.358	3.595	0.351	3.608	0.345	3.619	0.311	5.820	-0.181	5.832	-0.174	5.838	-0.174	5.845	-0.194
3.626	0.277	3.633	0.223	3.642	0.175	3.650	0.134	5.855	-0.249	5.863	-0.289	5.870	-0.364	5.880	-0.412
3.660	0.107	3.669	0.087	3.679	0.053	3.689	0.026	5.890	-0.466	5.898	-0.548	5.905	-0.602	5.909	-0.663
3.698	0.040	3.707	0.054	3.717	0.067	3.726	0.088	5.916	-0.711	5.925	-0.745	5.935	-0.758	5.945	-0.772
3.733	0.109	3.742	0.143	3.750	0.177	3.761	0.191	5.956	-0.778	5.963	-0.765	5.970	-0.751	5.978	-0.751
3.768	0.211	3.777	0.198	3.787	0.178	3.794	0.157	5.985	-0.689	5.995	-0.566	6.007	-0.443	6.013	-0.375
3.805	0.164	3.814	0.144	3.825	0.117	3.835	0.110	6.021	-0.341	6.032	-0.259	6.038	-0.218	6.051	-0.191
3.847	0.103	3.860	0.104	3.870	0.110	3.881	0.117	6.057	-0.177	6.068	-0.170	6.081	-0.156	6.097	-0.149
3.890	0.117	3.896	0.104	3.908	0.084	3.927	0.091	6.104	-0.149	6.113	-0.156	6.122	-0.156	6.134	-0.128
3.940	0.077	3.947	0.091	3.959	0.118	3.973	0.132	6.142	-0.094	6.149	-0.080	6.163	0.001	6.178	0.063
3.985	0.125	3.997	0.139	4.005	0.125	4.011	0.111	6.186	0.124	6.198	0.172	6.211	0.193	6.216	0.179
4.021	0.098	4.032	0.091	4.041	0.105	4.051	0.118	6.222	0.166	6.233	0.111	6.241	0.050	6.250	-0.018
4.062	0.125	4.070	0.118	4.075	0.139	4.082	0.152	6.257	-0.079	6.264	-0.127	6.268	-0.168	6.275	-0.195
4.092	0.152	4.105	0.146	4.115	0.152	4.131	0.166	6.281	-0.215	6.286	-0.256	6.294	-0.318	6.303	-0.358
4.140	0.166	4.148	0.180	4.158	0.214	4.170	0.261	6.311	-0.379	6.318	-0.399	6.327	-0.413	6.334	-0.440
4.179	0.302	4.189	0.309	4.197	0.303	4.204	0.275	6.344	-0.474	6.356	-0.487	6.369	-0.487	6.375	-0.494
4.214	0.221	4.223	0.174	4.233	0.140	4.242	0.113	6.386	-0.473	6.399	-0.392	6.407	-0.337	6.423	-0.241
4.249	0.079	4.258	0.045	4.270	0.004	4.282	-0.009	6.432	-0.153	6.442	-0.078	6.457	-0.050	6.472	-0.009
4.291	-0.009	4.303	-0.009	4.312	-0.009	4.321	-0.009	6.480	-0.302	6.488	0.004	6.499	0.005	6.508	0.045
4.332	-0.015	4.342	-0.015	4.355	-0.049	4.368	-0.076	6.517	0.093	6.529	0.141	6.538	0.155	6.547	0.148
4.377	-0.117	4.388	-0.178	4.399	-0.265	4.407	-0.344	6.555	0.121	6.567	0.087	6.575	0.067	6.581	0.012
4.416	-0.306	4.425	-0.353	4.433	-0.394	4.440	-0.414	6.587	-0.063	6.594	-0.131	6.600	-0.192	6.605	-0.233
4.447	-0.400	4.454	-0.386	4.463	-0.366	4.474	-0.345	6.614	-0.308	6.620	-0.335	6.628	-0.362	6.638	-0.383
4.482	-0.304	4.493	-0.255	4.505	-0.225	4.510	-0.275	6.646	-0.417	6.653	-0.444	6.663	-0.444	6.672	-0.403
4.524	-0.275	4.535	-0.268	4.545	-0.281	4.556	-0.294	6.683	-0.397	6.697	-0.363	6.706	-0.309	6.717	-0.254
4.562	-0.280	4.574	-0.198	4.584	-0.144	4.594	-0.116	6.729	-0.207	6.738	-0.139	6.748	-0.078	6.757	-0.023
4.604	-0.109	4.619	-0.089	4.627	-0.075	4.634	-0.102	6.766	0.031	6.775	0.085	6.787	0.126	6.797	0.153
4.644	-0.163	4.655	-0.197	4.670	-0.183	4.687	-0.162	6.805	0.187	6.811	0.241	6.820	0.275	6.829	0.330
4.695	-0.128	4.702	-0.080	4.711	-0.039	4.721	-0.019	6.838	0.364	6.852	0.411	6.855	0.458	6.862	0.513
4.728	-0.018	4.740	-0.025	4.754	-0.052	4.766	-0.086	6.871	0.581	6.878	0.683	6.886	0.751	6.896	0.805
4.781	-0.120	4.786	-0.134	4.793	-0.127	4.804	-0.120	6.905	0.811	6.909	0.839	6.917	0.852	6.927	0.845
4.816	-0.113	4.825	-0.086	4.836	-0.045	4.847	-0.025	6.939	0.811	6.942	0.797	6.949	0.735	6.956	0.708
4.860	-0.011	4.871	-0.004	4.886	-0.011	4.904	-0.004	6.963	0.660	6.971	0.639	6.982	0.632	6.987	0.584
4.916	0.057	4.923	0.057	4.935	0.057	4.948	0.091	6.996	0.509	7.003	0.434	7.009	0.373	7.015	0.325
4.959	0.098	4.972	0.091	4.984	0.078	5.000	0.092	7.020	0.263	7.026	0.188	7.033	0.086	7.039	0.018
5.013	0.085	5.020	0.064	5.027	0.065	5.035	0.126	7.045	-0.037	7.051	-0.098	7.057	-0.153	7.062	-0.208
5.045	0.201	5.058	0.256	5.067	0.290	5.078	0.324	7.066	-0.262	7.070	-0.317	7.075	-0.358	7.081	-0.392
5.090	0.324	5.101	0.310	5.110	0.256	5.120	0.208	7.087	-0.426	7.093	-0.447	7.102	-0.481	7.110	-0.508
5.127	0.168	5.134	0.147	5.149	0.161	5.157	0.155	7.116	-0.570	7.123	-0.631	7.135	-0.659	7.140	-0.659
5.165	0.155	5.171	0.202	5.180	0.250	5.188	0.271	7.146	-0.652	7.157	-0.673	7.165	-0.618	7.171	-0.544
5.197	0.305	5.206	0.353	5.213	0.380	5.219	0.387	7.179	-0.482	7.185	-0.394	7.194	-0.285	7.204	-0.156
5.228	0.381	5.240	0.374	5.251	0.354	5.260	0.333	7.211	-0.033	7.221	0.089	7.228	0.198	7.237	0.252
5.268	0.300	5.278	0.266	5.284	0.273	5.292	0.293	7.246	0.327	7.255	0.395	7.265	0.504	7.270	0.565
5.302	0.321	5.308	0.314	5.318	0.300	5.329	0.280	7.279	0.633	7.288	0.707	7.301	0.830	7.311	0.918
5.341	0.274	5.351	0.281	5.361	0.254	5.376	0.240	7.316	1.020	7.320	1.075	7.331	1.102	7.341	1.129
5.386	0.220	5.403	0.207	5.407	0.200	5.415	0.220	7.348	1.128	7.361	1.094	7.373	1.035	7.389	0.930
5.420	0.227	5.430	0.166	5.441	0.132	5.452	0.133	7.394	0.889	7.402	0.827	7.414	0.759	7.421	0.677
5.467	0.099	5.479	0.065	5.489	0.031	5.501	0.004	7.431	0.533	7.448	0.451	7.448	0.362	7.457	0.280
5.515	-0.009	5.519	-0.009	5.528	0.004	5.540	0.039	7.469	0.164	7.478	0.055	7.485	-0.055	7.494	-0.144

7.502	-0.239	7.509	-0.328	7.517	-0.437	7.524	-0.513	9.700	0.572	9.707	0.537	9.714	0.483	9.723	0.442
7.530	-0.567	7.541	-0.636	7.547	-0.657	7.553	-0.677	9.713	0.387	9.743	0.346	9.751	0.298	9.758	0.250
7.562	-0.698	7.568	-0.678	7.576	-0.617	7.586	-0.522	9.766	0.181	9.777	0.106	9.789	0.045	9.799	-0.044
7.596	-0.427	7.606	-0.352	7.612	-0.298	7.619	-0.230	9.810	-0.092	9.821	-0.154	9.832	-0.209	9.840	-0.284
7.628	-0.107	7.633	-0.046	7.643	-0.029	7.653	-0.083	9.850	-0.366	9.862	-0.400	9.872	-0.455	9.887	-0.510
7.662	0.131	7.669	0.172	7.677	0.226	7.686	0.274	9.899	-0.531	9.911	-0.531	9.923	-0.443	9.930	-0.375
7.694	0.294	7.706	0.287	7.718	0.253	7.731	0.184	9.937	-0.320	9.948	-0.293	9.958	-0.191	9.966	-0.103
7.743	0.143	7.754	0.061	7.767	-0.000	7.779	-0.069	9.986	-0.076	9.993	-0.021	10.001	0.026	10.014	0.012
7.797	-0.171	7.808	-0.226	7.822	-0.307	7.837	-0.416	10.030	0.019	10.036	0.012	10.042	-0.015	10.051	0.087
7.849	-0.477	7.856	-0.559	7.863	-0.620	7.871	-0.695	10.063	0.141	10.073	0.114	10.083	0.120	10.091	0.093
7.881	-0.729	7.890	-0.770	7.895	-0.770	7.906	-0.784	10.101	0.059	10.110	0.045	10.118	-0.085	10.124	-0.167
7.915	-0.770	7.928	-0.749	7.940	-0.695	7.951	-0.626	10.136	-0.263	10.147	-0.290	10.158	-0.399	10.166	-0.461
7.964	-0.510	7.974	-0.408	7.984	-0.326	7.992	-0.272	10.174	-0.468	10.186	-0.509	10.200	-0.530	10.212	-0.530
8.001	-0.210	8.008	-0.156	8.017	-0.094	8.036	-0.115	10.223	-0.551	10.237	-0.572	10.253	-0.579	10.266	-0.573
8.050	-0.115	8.069	-0.142	8.089	-0.162	8.096	-0.162	10.276	-0.363	10.288	-0.296	10.341	-0.242	10.303	-0.417
8.105	-0.196	8.119	-0.209	8.127	-0.264	8.135	-0.318	10.316	-0.363	10.328	-0.296	10.341	-0.242	10.356	-0.215
8.146	-0.366	8.156	-0.461	8.165	-0.604	8.176	-0.665	10.369	-0.188	10.374	-0.182	10.384	-0.128	10.392	-0.074
8.187	-0.720	8.196	-0.740	8.203	-0.802	8.209	-0.891	10.402	-0.040	10.416	-0.034	10.429	-0.007	10.444	-0.008
8.215	-0.925	8.227	-0.925	8.237	-0.939	8.248	-0.959	10.456	-0.022	10.472	-0.030	10.485	-0.016	10.498	0.024
8.256	-0.932	8.270	-0.892	8.281	-0.865	8.288	-0.838	10.513	0.057	10.522	0.064	10.538	0.090	10.549	0.117
8.302	-0.858	8.315	-0.879	8.324	-0.906	8.332	-0.913	10.562	0.144	10.574	0.143	10.590	0.170	10.599	0.196
8.341	-0.927	8.350	-0.961	8.358	-0.975	8.366	-0.975	10.610	0.216	10.619	0.236	10.631	0.216	10.649	0.208
8.375	-0.941	8.386	-0.887	8.393	-0.826	8.402	-0.731	10.662	0.207	10.672	0.193	10.688	0.179	10.698	0.206
8.412	-0.629	8.424	-0.527	8.435	-0.412	8.446	-0.310	10.709	0.260	10.720	0.294	10.729	0.335	10.738	0.403
8.454	-0.229	8.464	-0.161	8.477	-0.052	8.490	0.077	10.749	0.477	10.759	0.538	10.766	0.586	10.771	0.620
8.501	0.212	8.512	0.328	8.523	0.498	8.533	0.675	10.779	0.695	10.787	0.769	10.797	0.830	10.804	0.885
8.543	0.913	8.552	1.055	8.559	1.151	8.568	1.280	10.815	0.925	10.825	0.966	10.835	1.000	10.845	1.013
8.575	1.430	8.584	1.586	8.591	1.702	8.600	1.790	10.853	0.999	10.860	0.951	10.874	0.862	10.883	0.787
8.611	1.892	8.625	1.919	8.635	1.940	8.646	1.878	10.895	0.671	10.902	0.589	10.913	0.493	10.921	0.405
8.652	1.817	8.657	1.742	8.664	1.660	8.675	1.571	10.934	0.350	10.943	0.281	10.950	0.186	10.961	0.077
8.684	1.469	8.691	1.387	8.697	1.318	8.704	1.243	10.970	-0.005	10.986	-0.135	10.986	-0.251	10.997	-0.401
8.711	1.134	8.717	1.066	8.724	0.957	8.732	0.841	11.006	-0.551	11.011	-0.667	11.017	-0.797	11.025	-0.988
8.739	0.725	8.745	0.595	8.752	0.500	8.758	0.377	11.032	-1.179	11.039	-1.350	11.045	-1.513	11.054	-1.670
8.765	0.282	8.773	0.200	8.779	0.146	8.787	0.043	11.059	-1.820	11.067	-2.011	11.073	-2.202	11.086	-2.203
8.795	-0.004	8.808	-0.025	8.816	-0.018	8.824	0.037	11.135	-1.789	11.150	-1.517	11.157	-1.354	11.158	-1.367
8.833	0.132	8.841	0.248	8.845	0.323	8.857	0.425	11.162	-1.047	11.166	-0.952	11.176	-0.973	11.181	-0.993
8.867	0.513	8.875	0.602	8.885	0.670	8.894	0.752	11.191	-0.667	11.198	-0.626	11.204	-0.599	11.211	-0.456
8.904	0.738	8.914	0.670	8.922	0.677	8.931	0.629	11.222	-0.272	11.229	-0.109	11.238	-0.048	11.252	0.081
8.941	0.561	8.950	0.439	8.961	0.370	8.972	0.343	11.267	0.169	11.272	0.210	11.283	0.285	11.293	0.325
8.979	0.282	8.992	0.200	8.997	0.172	9.006	0.138	11.301	0.339	11.312	0.318	11.322	0.332	11.333	0.352
9.015	0.063	9.028	0.022	9.041	0.008	9.053	0.008	11.346	0.413	11.362	0.440	11.374	0.453	11.385	0.440
9.068	0.035	9.082	0.029	9.092	0.022	9.104	0.015	11.404	0.392	11.417	0.330	11.429	0.282	11.436	0.221
9.120	0.028	9.136	0.014	9.148	0.001	9.163	0.021	11.447	0.159	11.461	0.098	11.470	0.064	11.482	0.009
9.177	0.027	9.188	0.041	9.198	0.061	9.203	0.115	11.492	-0.005	11.502	-0.012	11.511	-0.032	11.529	-0.032
9.215	0.142	9.225	0.170	9.236	0.210	9.245	0.231	11.543	-0.046	11.557	-0.033	11.572	-0.019	11.578	0.029
9.257	0.237	9.270	0.237	9.280	0.237	9.291	0.209	11.594	0.056	11.601	0.110	11.608	0.124	11.623	0.096
9.301	0.182	9.314	0.154	9.325	0.106	9.335	0.038	11.635	0.096	11.646	0.062	11.659	0.034	11.670	-0.007
9.346	-0.038	9.357	-0.031	9.367	-0.058	9.376	-0.058	11.682	-0.348	11.691	-0.096	11.702	-0.137	11.713	-0.198
9.384	-0.038	9.398	-0.030	9.408	0.118	9.416	0.179	11.722	-0.280	11.732	-0.355	11.741	-0.430	11.748	-0.526
9.424	0.267	9.433	0.328	9.446	0.396	9.455	0.464	11.757	-0.621	11.766	-0.697	11.772	-0.799	11.780	-0.908
9.465	0.484	9.475	0.504	9.485	0.518	9.496	0.504	11.786	-1.017	11.793	-1.119	11.800	-1.167	11.809	-1.242
9.505	0.470	9.513	0.428	9.521	0.381	9.533	0.360	11.816	-1.290	11.831	-1.304	11.838	-1.291	11.849	-1.196
9.544	0.332	9.551	0.284	9.563	0.243	9.574	0.222	11.863	-1.067	11.876	-0.958	11.886	-0.856	11.897	-0.761
9.586	0.201	9.596	0.187	9.607	0.200	9.616	0.248	11.891	-0.618	11.925	-0.496	11.937	-0.415	11.950	-0.224
9.627	0.302	9.632	0.336	9.643	0.376	9.654	0.423	11.961	-0.102	11.973	0.061	11.985	0.081	11.996	0.176
9.662	0.464	9.671	0.525	9.680	0.552	9.691	0.572								

12.013	0.332	12.018	0.435	12.031	0.516	12.042	0.604	14.405	0.224	14.418	0.177	14.437	0.129	14.442	0.102
12.052	0.699	12.058	0.801	12.072	0.862	12.089	1.011	14.459	0.041	14.468	0.007	14.483	-0.027	14.496	-0.081
12.098	1.133	12.107	1.242	12.121	1.295	12.128	1.377	14.509	-0.156	14.521	-0.197	14.530	-0.217	14.542	-0.251
12.134	1.397	12.146	1.458	12.160	1.492	12.168	1.491	14.554	-0.286	14.563	-0.347	14.572	-0.401	14.582	-0.449
12.179	1.443	12.187	1.395	12.192	1.361	12.199	1.313	14.592	-0.531	14.600	-0.599	14.610	-0.708	14.621	-0.837
12.207	1.258	12.215	1.197	12.224	1.122	12.233	1.046	14.631	-0.912	14.642	-1.001	14.651	-1.090	14.661	-1.130
12.242	0.985	12.253	0.910	12.264	0.807	12.273	0.725	14.670	-1.178	14.677	-1.135	14.687	-1.164	14.698	-1.130
12.281	0.657	12.289	0.575	12.296	0.499	12.307	0.431	14.715	-1.028	14.729	-0.933	14.737	-0.797	14.750	-0.653
12.312	0.356	12.320	0.240	12.333	0.158	12.338	0.035	14.762	-0.545	14.774	-0.490	14.784	-0.327	14.798	-0.218
12.347	0.081	12.357	-0.211	12.366	-0.327	12.375	-0.429	14.810	-0.129	14.822	-0.034	14.831	0.068	14.846	0.129
12.384	-0.531	12.390	-0.627	12.397	-0.695	12.403	-0.763	14.859	0.177	14.870	0.259	14.879	0.354	14.893	0.408
12.410	-0.873	12.417	-0.920	12.424	-0.975	12.437	-1.016	14.902	0.483	14.912	0.565	14.922	0.640	14.931	0.715
12.449	-1.044	12.456	-1.037	12.472	-0.969	12.486	-0.888	14.941	0.769	14.950	0.789	14.960	0.851	14.969	0.864
12.497	-0.786	12.500	-0.704	12.506	-0.615	12.515	-0.541	14.980	0.864	14.991	0.837	14.998	0.803	15.012	0.728
12.523	-0.445	12.536	-0.384	12.543	-0.303	12.554	-0.139	15.023	0.646	15.034	0.565	15.047	0.462	15.056	0.374
12.566	-0.003	12.580	0.153	12.591	0.269	12.600	0.439	15.067	0.299	15.074	0.238	15.084	0.169	15.093	0.088
12.614	0.602	12.621	0.684	12.634	0.813	12.643	0.943	15.104	-0.015	15.116	-0.130	15.123	-0.199	15.131	-0.273
12.654	1.052	12.672	1.181	12.685	1.255	12.696	1.282	15.141	-0.376	15.151	-0.458	15.155	-0.546	15.162	-0.601
12.708	1.330	12.721	1.275	12.734	1.234	12.748	1.193	15.173	-0.683	15.185	-0.771	15.196	-0.894	15.208	-1.017
12.761	1.057	12.777	0.920	12.789	0.825	12.804	0.682	15.217	-1.160	15.229	-1.283	15.240	-1.426	15.251	-1.569
12.817	0.552	12.828	0.457	12.841	0.341	12.852	0.266	15.261	-1.739	15.270	-1.883	15.276	-1.985	15.281	-2.053
12.869	0.129	12.889	-0.014	12.904	-0.123	12.920	-0.260	15.286	-2.155	15.290	-2.244	15.294	-2.298	15.301	-2.312
12.932	-0.382	12.947	-0.451	12.959	-0.519	12.974	-0.567	15.312	-2.292	15.324	-2.306	15.333	-2.312	15.346	-2.319
12.985	-0.622	12.998	-0.629	13.005	-0.677	13.013	-0.684	15.353	-2.292	15.363	-2.204	15.376	-2.068	15.387	-1.890
13.022	-0.684	13.035	-0.698	13.044	-0.766	13.056	-0.834	15.399	-1.700	15.407	-1.570	15.417	-1.536	15.428	-1.393
13.069	-0.903	13.083	-0.991	13.096	-1.060	13.110	-1.074	15.437	-1.155	15.443	-0.998	15.452	-0.998	15.463	-0.896
13.123	-1.101	13.130	-1.122	13.139	-1.115	13.147	-1.075	15.474	-0.801	15.485	-0.767	15.491	-0.692	15.498	-0.583
13.160	-1.000	13.171	-0.960	13.183	-0.913	13.194	-0.859	15.509	-0.502	15.525	-0.468	15.532	-0.427	15.540	-0.318
13.206	-0.839	13.220	-0.839	13.234	-0.840	13.249	-0.854	15.547	-0.243	15.562	-0.161	15.575	-0.052	15.586	0.016
13.258	-0.889	13.265	-0.903	13.272	-0.910	13.285	-0.883	15.595	0.091	15.600	0.118	15.616	0.146	15.623	0.159
13.299	-0.870	13.307	-0.877	13.316	-0.850	13.327	-0.837	15.632	0.220	15.642	0.275	15.653	0.295	15.664	0.302
13.334	-0.810	13.345	-0.790	13.354	-0.770	13.367	-0.716	15.674	0.316	15.687	0.336	15.697	0.357	15.710	0.364
13.381	-0.689	13.393	-0.607	13.405	-0.499	13.418	-0.397	15.722	0.370	15.738	0.398	15.752	0.404	15.764	0.377
13.433	-0.240	13.444	-0.077	13.458	0.086	13.470	0.208	15.781	0.377	15.787	0.370	15.799	0.356	15.813	0.377
13.484	0.338	13.497	0.508	13.510	0.623	13.524	0.739	15.824	0.377	15.838	0.356	15.848	0.370	15.859	0.383
13.534	0.820	13.547	0.902	13.559	0.984	13.573	1.065	15.871	0.363	15.879	0.356	15.889	0.321	15.903	0.308
13.581	1.134	13.595	1.174	13.600	1.174	13.608	1.147	15.914	0.267	15.927	0.253	15.942	0.212	15.953	0.157
13.616	1.099	13.623	0.997	13.632	0.909	13.645	0.766	15.970	0.144	15.982	0.137	15.993	0.157	16.005	0.164
13.653	0.629	13.663	0.493	13.675	0.343	13.683	0.214	16.017	0.211	16.031	0.252	16.044	0.307	16.057	0.347
13.692	0.111	13.702	0.002	13.710	-0.120	13.716	-0.209	16.075	0.395	16.082	0.415	16.093	0.429	16.105	0.449
13.728	-0.284	13.737	-0.345	13.746	-0.393	13.753	-0.400	16.119	0.483	16.131	0.497	16.150	0.490	16.161	0.476
13.762	-0.468	13.772	-0.509	13.779	-0.509	13.783	-0.502	16.178	0.456	16.192	0.421	16.208	0.394	16.222	0.374
13.793	-0.557	13.796	-0.557	13.804	-0.482	13.814	-0.434	16.234	0.381	16.250	0.415	16.262	0.449	16.275	0.496
13.827	-0.366	13.843	-0.278	13.852	-0.203	13.869	-0.135	16.293	0.544	16.304	0.626	16.317	0.708	16.330	0.810
13.877	-0.060	13.887	0.008	13.896	0.056	13.910	0.096	16.346	0.946	16.355	1.096	16.367	1.253	16.379	1.430
13.922	0.124	13.935	0.171	13.948	0.219	13.963	0.273	16.393	1.620	16.399	1.729	16.405	1.791	16.416	1.845
13.978	0.334	13.991	0.395	14.005	0.476	14.021	0.557	16.425	1.913	16.436	1.933	16.444	1.947	16.451	1.933
14.039	0.632	14.051	0.727	14.056	0.768	14.066	0.801	16.462	1.812	16.473	1.783	16.482	1.722	16.493	1.667
14.079	0.903	14.090	0.992	14.097	1.032	14.109	1.046	16.506	1.578	16.519	1.469	16.530	1.367	16.542	1.251
14.118	1.066	14.127	1.113	14.134	1.154	14.147	1.174	16.552	1.128	16.562	1.006	16.573	0.897	16.583	0.747
14.160	1.181	14.170	1.194	14.180	1.180	14.190	1.153	16.600	0.569	16.616	0.487	16.627	0.406	16.639	0.344
14.206	1.146	14.214	1.139	14.228	1.166	14.234	1.166	16.655	0.283	16.667	0.248	16.674	0.221	16.687	0.173
14.245	1.152	14.256	1.111	14.267	1.084	14.278	1.056	16.698	0.139	16.710	0.085	16.725	0.030	16.736	-0.031
14.286	1.015	14.297	0.947	14.309	0.851	14.321	0.776	16.747	-0.107	16.756	-0.141	16.765	-0.168	16.774	-0.236
14.329	0.708	14.336	0.667	14.343	0.619	14.353	0.551	16.782	-0.223	16.791	-0.291	16.803	-0.291	16.813	-0.331
14.363	0.463	14.372	0.401	14.382	0.340	14.391	0.286	16.822	-0.359	16.831	-0.352	16.842	-0.386	16.851	-0.386

16.863	-0.365	16.872	-0.345	16.882	-0.331	16.893	-0.311	19.386	-0.412	19.400	-0.371	19.415	-0.344	19.427	-0.344
16.904	-0.304	16.915	-0.291	16.930	-0.263	16.940	-0.256	19.439	-0.344	19.450	-0.385	19.463	-0.419	19.479	-0.433
16.951	-0.256	16.961	-0.263	16.978	-0.297	16.993	-0.290	19.494	-0.474	19.505	-0.488	19.518	-0.508	19.529	-0.522
17.007	-0.290	17.022	-0.303	17.036	-0.309	17.048	-0.302	19.538	-0.549	19.549	-0.590	19.562	-0.625	19.574	-0.666
17.061	-0.275	17.076	-0.247	17.088	-0.234	17.098	-0.206	19.583	-0.720	19.594	-0.829	19.607	-0.863	19.616	-0.959
17.111	-0.199	17.126	-0.192	17.134	-0.178	17.145	-0.144	19.626	-1.007	19.637	-1.082	19.650	-1.143	19.661	-1.239
17.154	-0.130	17.172	-0.136	17.179	-0.135	17.193	-0.162	19.673	-1.280	19.688	-1.334	19.700	-1.382	19.712	-1.396
17.205	-0.195	17.218	-0.229	17.230	-0.282	17.241	-0.323	19.721	-1.403	19.734	-1.403	19.745	-1.389	19.755	-1.349
17.254	-0.383	17.268	-0.444	17.280	-0.477	17.292	-0.524	19.770	-1.260	19.784	-1.192	19.797	-1.110	19.808	-1.015
17.303	-0.565	17.315	-0.591	17.326	-0.618	17.342	-0.638	19.821	-0.934	19.835	-0.845	19.850	-0.723	19.860	-0.648
17.356	-0.671	17.370	-0.698	17.387	-0.744	17.402	-0.798	19.874	-0.559	19.885	-0.464	19.899	-0.375	19.913	-0.273
17.415	-0.852	17.426	-0.926	17.435	-0.994	17.447	-1.089	19.925	-0.192	19.935	-0.130	19.946	-0.035	19.951	-0.000
17.456	-1.163	17.465	-1.286	17.475	-1.394	17.488	-1.516	19.963	0.075	19.973	0.163	19.984	0.291	19.999	0.321
17.509	-1.719	17.509	-1.719	17.520	-1.787	17.528	-1.827	20.008	0.389	20.016	0.437	20.028	0.491	20.039	0.546
17.537	-1.841	17.546	-1.834	17.561	-1.738	17.570	-1.649	20.051	0.567	20.061	0.580	20.073	0.574	20.085	0.554
17.561	-1.376	17.585	-1.520	17.592	-1.526	17.606	-1.444	20.098	0.513	20.111	0.472	20.121	0.438	20.130	0.418
17.611	-1.376	17.616	-1.267	17.620	-1.212	17.627	-1.205	20.143	0.364	20.158	0.330	20.172	0.310	20.185	0.290
17.631	-1.212	17.641	-1.076	17.647	-1.021	17.653	-0.994	20.198	0.291	20.209	0.291	20.226	0.292	20.241	0.306
17.664	-0.898	17.672	-0.789	17.680	-0.728	17.693	-0.646	20.255	0.327	20.267	0.348	20.282	0.348	20.298	0.362
17.707	-0.564	17.714	-0.516	17.725	-0.434	17.736	-0.400	20.308	0.383	20.321	0.404	20.332	0.418	20.343	0.439
17.746	-0.379	17.754	-0.291	17.763	-0.250	17.775	-0.222	20.353	0.459	20.368	0.480	20.382	0.494	20.392	0.501
17.784	-0.182	17.800	-0.161	17.814	-0.113	17.826	-0.113	20.405	0.502	20.416	0.488	20.436	0.461	20.449	0.421
17.840	-0.072	17.852	-0.045	17.861	-0.025	17.874	-0.018	20.458	0.394	20.470	0.360	20.483	0.326	20.496	0.286
17.889	0.043	17.896	0.064	17.911	0.377	17.918	0.111	20.501	0.212	20.515	0.239	20.526	0.232	20.535	0.212
17.928	0.152	17.939	0.166	17.951	0.166	17.963	0.179	20.541	0.274	20.547	0.308	20.560	0.356	20.567	0.446
18.018	0.186	18.030	0.213	18.040	0.226	18.052	0.226	20.636	0.458	20.649	0.506	20.660	0.561	20.672	0.588
18.063	0.247	18.070	0.253	18.080	0.253	18.095	0.246	20.690	0.636	20.704	0.670	20.717	0.711	20.732	0.738
18.108	0.240	18.121	0.226	18.129	0.219	18.140	0.232	20.749	0.759	20.773	0.786	20.773	0.834	20.785	0.868
18.148	0.232	18.163	0.266	18.180	0.286	18.188	0.293	20.800	0.896	20.812	0.930	20.825	0.957	20.834	0.971
18.196	0.320	18.207	0.340	18.214	0.361	18.229	0.388	20.847	0.991	20.855	1.012	20.864	1.019	20.875	0.998
18.240	0.394	18.250	0.414	18.258	0.428	18.272	0.437	20.888	0.971	20.899	0.931	20.909	0.883	20.920	0.829
18.281	0.393	18.289	0.380	18.300	0.386	18.309	0.373	20.932	0.767	20.943	0.706	20.955	0.611	20.965	0.557
18.323	0.345	18.337	0.345	18.351	0.352	18.365	0.365	20.977	0.462	20.987	0.407	20.996	0.339	21.007	0.278
18.420	0.447	18.431	0.502	18.441	0.536	18.453	0.590	21.017	0.231	21.026	0.156	21.036	0.088	21.046	0.047
18.462	0.645	18.473	0.713	18.484	0.788	18.494	0.856	21.053	-0.000	21.061	-0.048	21.070	-0.096	21.077	-0.129
18.507	0.931	18.515	0.999	18.526	1.053	18.535	1.081	21.086	-0.170	21.096	-0.231	21.107	-0.265	21.119	-0.299
18.546	1.101	18.554	1.102	18.565	1.068	18.576	1.041	21.135	-0.353	21.147	-0.381	21.161	-0.401	21.174	-0.414
18.587	0.993	18.599	0.973	18.610	0.973	18.620	0.973	21.190	-0.428	21.208	-0.435	21.227	-0.441	21.242	-0.448
18.631	0.980	18.643	0.994	18.654	1.015	18.665	1.056	21.236	-0.421	21.274	-0.386	21.289	-0.352	21.303	-0.332
18.676	1.097	18.688	1.104	18.698	1.131	18.709	1.165	21.314	-0.332	21.326	-0.311	21.339	-0.304	21.352	-0.318
18.729	1.193	18.733	1.207	18.746	1.214	18.757	1.207	21.357	-0.331	21.371	-0.331	21.382	-0.338	21.398	-0.345
18.765	1.180	18.776	1.125	18.785	1.054	18.798	0.989	21.407	-0.352	21.418	-0.345	21.426	-0.352	21.439	-0.393
18.808	0.935	18.816	0.867	18.825	0.792	18.833	0.704	21.452	-0.413	21.468	-0.427	21.480	-0.447	21.485	-0.461
18.841	0.642	18.847	0.574	18.854	0.536	18.864	0.424	21.495	-0.475	21.502	-0.481	21.514	-0.468	21.525	-0.475
18.873	0.356	18.886	0.247	18.895	0.179	18.909	0.111	21.536	-0.461	21.550	-0.447	21.561	-0.434	21.574	-0.427
18.921	0.043	18.934	-0.011	18.948	-0.045	18.960	-0.073	21.586	-0.413	21.596	-0.406	21.605	-0.406	21.613	-0.420
18.975	-0.100	18.986	-0.134	19.001	-0.168	19.015	-0.182	21.632	-0.427	21.632	-0.441	21.641	-0.461	21.652	-0.475
19.025	-0.203	19.038	-0.203	19.050	-0.217	19.061	-0.210	21.661	-0.488	21.671	-0.495	21.683	-0.509	21.697	-0.515
19.074	-0.203	19.085	-0.196	19.197	-0.233	19.109	-0.203	21.709	-0.529	21.722	-0.549	21.731	-0.577	21.742	-0.611
19.124	-0.224	19.136	-0.245	19.147	-0.252	19.158	-0.265	21.754	-0.658	21.765	-0.693	21.777	-0.740	21.791	-0.781
19.168	-0.293	19.182	-0.327	19.197	-0.348	19.208	-0.382	21.802	-0.815	21.814	-0.856	21.826	-0.877	21.838	-0.904
19.218	-0.416	19.230	-0.457	19.245	-0.505	19.261	-0.560	21.852	-0.945	21.860	-0.986	21.872	-1.026	21.881	-1.081
19.277	-0.601	19.291	-0.622	19.305	-0.643	19.316	-0.629	21.893	-1.129	21.904	-1.169	21.916	-1.190	21.927	-1.197
19.340	-0.602	19.348	-0.555	19.362	-0.500	19.373	-0.453	21.934	-1.176	21.946	-1.115	21.959	-1.027	21.971	-0.924
								21.986	-0.816	21.999	-0.720	22.010	-0.666	22.025	-0.577

22.037	-0.516	22.046	-0.462	22.057	-0.414	22.071	-0.360	24.785	0.343	24.798	0.343	24.819	0.336	24.819	0.322
22.087	-0.285	22.096	-0.210	22.109	-0.128	22.120	-0.060	24.829	0.308	24.839	0.301	24.846	0.294	24.856	0.280
22.129	-0.006	22.139	0.069	22.146	0.130	22.161	0.191	24.871	0.239	24.885	0.198	24.897	0.177	24.907	0.143
22.170	-0.239	22.178	0.266	22.186	0.293	22.196	0.341	24.916	0.108	24.924	0.088	24.933	0.087	24.940	0.074
22.207	0.375	22.217	0.409	22.227	0.436	22.235	0.477	24.950	0.053	24.961	0.032	24.970	0.018	24.982	-0.003
22.245	0.518	22.254	0.559	22.263	0.593	22.273	0.627	24.987	-0.010	24.997	-0.010	25.004	-0.024	25.012	-0.031
22.281	0.667	22.292	0.701	22.301	0.722	22.310	0.735	25.019	-0.038	25.030	-0.032	25.040	-0.018	25.050	0.008
22.322	0.735	22.331	0.735	22.346	0.735	22.359	0.735	25.065	0.042	25.073	0.076	25.084	0.116	25.099	0.170
22.374	0.735	22.389	0.728	22.404	0.714	22.414	0.694	25.110	0.218	25.121	0.244	25.131	0.258	25.143	0.312
22.427	0.646	22.440	0.578	22.450	0.524	22.463	0.469	25.155	0.318	25.163	0.338	25.174	0.372	25.183	0.351
22.474	0.401	22.485	0.353	22.495	0.306	22.508	0.258	25.191	0.358	25.202	0.357	25.210	0.344	25.219	0.323
22.522	0.217	22.543	0.149	22.550	0.149	22.560	0.135	25.228	0.205	25.238	0.281	25.247	0.254	25.257	0.233
22.571	0.135	22.589	0.148	22.602	0.168	22.618	0.209	25.267	0.209	25.275	0.171	25.285	0.143	25.295	0.116
22.634	0.243	22.649	0.277	22.660	0.304	22.671	0.331	25.306	0.075	25.315	0.027	25.326	-0.015	25.338	-0.063
22.687	0.344	22.701	0.371	22.717	0.391	22.729	0.398	25.349	-0.104	25.363	-0.153	25.373	-0.187	25.385	-0.222
22.742	0.398	22.754	0.404	22.764	0.418	22.775	0.417	25.395	-0.243	25.405	-0.257	25.417	-0.271	25.426	-0.278
22.785	0.437	22.793	0.458	22.805	0.478	22.813	0.505	25.434	-0.292	25.445	-0.286	25.458	-0.293	25.470	-0.307
22.824	0.525	22.830	0.538	22.839	0.572	22.855	0.633	25.485	-0.328	25.495	-0.349	25.506	-0.377	25.518	-0.398
22.871	0.681	22.885	0.728	22.897	0.755	22.910	0.782	25.533	-0.426	25.541	-0.446	25.552	-0.460	25.564	-0.475
22.924	0.822	22.937	0.856	22.950	0.856	22.963	0.862	25.574	-0.475	25.584	-0.475	25.596	-0.476	25.607	-0.463
22.981	0.882	22.993	0.889	23.006	0.889	23.018	0.861	25.620	-0.443	25.630	-0.423	25.643	-0.410	25.651	-0.390
23.031	0.813	23.045	0.772	23.056	0.711	23.067	0.670	25.660	-0.376	25.673	-0.350	25.685	-0.337	25.697	-0.323
23.082	0.581	23.097	0.506	23.109	0.444	23.123	0.389	25.710	-0.297	25.721	-0.277	25.731	-0.264	25.739	-0.257
23.141	0.314	23.160	0.232	23.178	0.170	23.194	0.088	25.749	-0.257	25.760	-0.265	25.777	-0.272	25.788	-0.293
23.214	-0.015	23.233	-0.090	23.250	-0.179	23.268	-0.255	25.798	-0.328	25.811	-0.349	25.824	-0.383	25.835	-0.404
23.280	-0.269	23.291	-0.337	23.304	-0.371	23.317	-0.413	25.844	-0.411	25.854	-0.419	25.868	-0.419	25.883	-0.399
23.329	-0.461	23.341	-0.488	23.352	-0.509	23.362	-0.523	25.892	-0.366	25.908	-0.312	25.921	-0.285	25.934	-0.238
23.410	-0.530	23.383	-0.531	23.390	-0.531	23.400	-0.531	25.946	-0.198	25.961	-0.158	25.977	-0.091	25.990	-0.044
23.461	-0.458	23.420	-0.525	23.434	-0.498	23.448	-0.478	26.004	0.003	26.017	0.057	26.026	0.084	26.038	0.111
23.505	-0.358	23.521	-0.431	23.482	-0.377	23.499	-0.351	26.047	0.137	26.063	0.164	26.074	0.170	26.084	0.176
23.568	-0.257	23.579	-0.257	23.536	-0.284	23.552	-0.257	26.094	0.162	26.106	0.141	26.119	0.113	26.130	0.079
23.626	-0.340	23.639	-0.374	23.593	-0.285	23.610	-0.305	26.144	0.037	26.158	0.009	26.170	-0.018	26.185	-0.039
23.680	-0.450	23.693	-0.457	23.652	-0.395	23.666	-0.429	26.201	-0.061	26.213	-0.082	26.226	-0.089	26.242	-0.096
23.733	-0.478	23.744	-0.464	23.705	-0.471	23.720	-0.478	26.249	-0.097	26.265	-0.104	26.283	-0.105	26.299	-0.112
23.790	-0.389	23.803	-0.375	23.761	-0.450	23.772	-0.423	26.316	-0.120	26.331	-0.121	26.349	-0.114	26.364	-0.108
23.851	-0.354	23.851	-0.375	23.813	-0.361	23.827	-0.354	26.377	-0.081	26.391	-0.054	26.406	-0.034	26.421	-0.000
23.892	-0.463	23.902	-0.483	23.864	-0.402	23.880	-0.436	26.440	0.061	26.459	0.115	26.476	0.169	26.496	0.216
23.939	-0.551	23.950	-0.565	23.962	-0.578	23.977	-0.612	26.513	0.270	26.534	0.324	26.550	0.372	26.568	0.399
23.990	-0.646	24.003	-0.666	24.010	-0.694	24.029	-0.741	26.587	0.432	26.603	0.432	26.614	0.425	26.630	0.404
24.044	-0.768	24.056	-0.782	24.059	-0.788	24.084	-0.811	26.647	0.390	26.661	0.383	26.675	0.376	26.689	0.362
24.099	-0.740	24.113	-0.686	24.127	-0.652	24.144	-0.584	26.696	0.362	26.703	0.369	26.714	0.376	26.726	0.375
24.159	-0.522	24.176	-0.427	24.193	-0.345	24.207	-0.270	26.736	0.375	26.746	0.375	26.754	0.380	26.768	0.381
24.217	-0.216	24.229	-0.127	24.243	-0.072	24.254	-0.011	26.781	0.380	26.789	0.380	26.802	0.380	26.814	0.379
24.263	0.050	24.280	0.132	24.289	0.194	24.299	0.256	26.833	0.378	26.842	0.385	26.852	0.398	26.865	0.405
24.312	0.297	24.325	0.338	24.340	0.379	24.353	0.421	26.880	0.397	26.892	0.404	26.902	0.396	26.914	0.389
24.368	0.456	24.380	0.511	24.391	0.532	24.404	0.573	26.926	0.368	26.939	0.349	26.951	0.319	26.965	0.284
24.417	0.601	24.432	0.635	24.442	0.663	24.452	0.676	26.977	0.263	26.988	0.235	26.998	0.208	27.007	0.187
24.463	0.670	24.476	0.657	24.484	0.643	24.491	0.622	27.016	0.159	27.027	0.131	27.039	0.096	27.047	0.062
24.498	0.602	24.507	0.574	24.518	0.547	24.528	0.533	27.057	0.034	27.066	0.006	27.082	-0.049	27.099	-0.098
24.538	0.499	24.547	0.485	24.552	0.471	24.561	0.457	27.113	-0.021	27.126	-0.174	27.138	-0.202	27.149	-0.223
24.570	0.430	24.579	0.409	24.588	0.375	24.598	0.348	27.160	-0.251	27.169	-0.272	27.180	-0.293	27.192	-0.314
24.609	0.320	24.621	0.299	24.632	0.285	24.644	0.272	27.205	-0.328	27.220	-0.342	27.231	-0.357	27.242	-0.357
24.650	0.271	24.661	0.285	24.674	0.298	24.688	0.312	27.264	-0.351	27.282	-0.332	27.299	-0.312	27.323	-0.300
24.704	0.338	24.709	0.352	24.720	0.365	24.733	0.365	27.334	-0.287	27.350	-0.281	27.362	-0.275	27.373	-0.289
24.739	0.358	24.753	0.344	24.765	0.344	24.772	0.350	27.387	-0.296	27.397	-0.304	27.416	-0.305	27.422	-0.305
								27.435	-0.312	27.449	-0.320	27.462	-0.327	27.475	-0.321

27.488	-0.301	27.500	-0.302	27.511	-0.289	27.527	-0.276	30.470	0.151	30.489	0.144	30.498	0.137	30.517	0.130
27.540	-0.249	27.555	-0.236	27.566	-0.216	27.578	-0.203	30.526	0.123	30.540	0.123	30.552	0.122	30.567	0.129
27.586	-0.203	27.599	-0.197	27.614	-0.211	27.628	-0.219	30.582	0.128	30.596	0.128	30.613	0.120	30.630	0.120
27.642	-0.233	27.654	-0.247	27.667	-0.261	27.680	-0.275	30.644	0.119	30.662	0.105	30.678	0.097	30.695	0.076
27.691	-0.283	27.700	-0.290	27.709	-0.290	27.719	-0.291	30.710	0.069	30.730	0.054	30.748	0.040	30.764	0.039
27.729	-0.291	27.745	-0.292	27.760	-0.286	27.775	-0.286	30.773	0.069	30.785	0.059	30.801	0.085	30.816	0.112
27.791	-0.287	27.807	-0.287	27.822	-0.295	27.843	-0.303	30.831	0.125	30.848	0.151	30.860	0.171	30.875	0.191
27.859	-0.310	27.877	-0.318	27.891	-0.318	27.904	-0.319	30.891	0.204	30.909	0.217	30.923	0.230	30.936	0.236
27.916	-0.319	27.932	-0.313	27.944	-0.307	27.958	-0.295	30.947	0.229	30.958	0.222	30.973	0.215	30.987	0.194
27.974	-0.282	27.987	-0.255	28.002	-0.229	28.015	-0.203	30.999	0.180	31.010	0.166	31.022	0.159	31.033	0.152
28.025	-0.176	28.037	-0.143	28.048	-0.103	28.060	-0.076	31.041	0.151	31.053	0.144	31.066	0.144	31.077	0.143
28.071	-0.043	28.086	-0.016	28.099	0.010	28.111	0.023	31.091	0.136	31.107	0.129	31.119	0.155	31.130	0.155
28.124	0.043	28.138	0.055	28.151	0.068	28.167	0.081	31.146	0.127	31.162	0.140	31.174	0.153	31.186	0.139
28.179	0.114	28.194	0.127	28.211	0.167	28.227	0.193	31.201	0.118	31.212	0.124	31.224	0.117	31.236	0.096
28.242	0.206	28.250	0.233	28.260	0.246	28.275	0.258	31.248	0.075	31.263	0.068	31.272	0.047	31.286	0.319
28.290	0.271	28.304	0.270	28.316	0.270	28.332	0.269	31.300	-0.002	31.310	-0.023	31.320	-0.044	31.333	-0.058
28.348	0.275	28.365	0.275	28.375	0.267	28.387	0.267	31.343	-0.065	31.355	-0.079	31.370	-0.079	31.384	-0.066
28.399	0.273	28.410	0.273	28.419	0.272	28.431	0.265	31.393	-0.063	31.406	-0.053	31.420	-0.040	31.434	-0.034
28.443	0.265	28.457	0.250	28.473	0.250	28.484	0.236	31.444	-0.027	31.455	-0.034	31.472	-0.035	31.483	-0.042
28.497	0.221	28.508	0.221	28.519	0.214	28.532	0.206	31.492	-0.049	31.505	-0.063	31.519	-0.071	31.531	-0.078
28.546	0.206	28.554	0.206	28.567	0.212	28.581	0.232	31.543	-0.098	31.554	-0.119	31.573	-0.133	31.582	-0.146
28.594	0.232	28.612	0.258	28.621	0.272	28.635	0.285	31.596	-0.167	31.606	-0.174	31.617	-0.181	31.633	-0.181
28.649	0.298	28.666	0.311	28.679	0.331	28.689	0.337	31.648	-0.195	31.656	-0.195	31.669	-0.195	31.677	-0.181
28.707	0.337	28.720	0.336	28.736	0.308	28.753	0.287	31.692	-0.174	31.703	-0.161	31.714	-0.147	31.725	-0.141
28.770	0.259	28.784	0.231	28.797	0.217	28.810	0.196	31.734	-0.127	31.747	-0.120	31.760	-0.114	31.770	-0.107
28.828	0.175	28.841	0.161	28.849	0.147	28.861	0.139	31.778	-0.100	31.789	-0.094	31.799	-0.094	31.806	-0.101
28.872	0.125	28.883	0.111	28.894	0.097	28.908	0.083	31.817	-0.101	31.827	-0.101	31.836	-0.108	31.846	-0.114
28.923	0.075	28.934	0.068	28.948	0.060	28.960	0.053	31.857	-0.115	31.869	-0.122	31.881	-0.122	31.896	-0.129
28.979	0.052	28.986	0.052	29.001	0.051	29.012	0.050	31.913	-0.129	31.927	-0.129	31.944	-0.129	31.956	-0.136
29.100	-0.009	29.116	-0.023	29.131	-0.037	29.149	-0.065	31.970	-0.143	31.990	-0.136	32.010	-0.136	32.028	-0.137
29.164	-0.093	29.180	-0.128	29.202	-0.176	29.219	-0.204	32.042	-0.171	32.065	-0.150	32.083	-0.157	32.095	-0.171
29.237	-0.225	29.251	-0.246	29.270	-0.260	29.287	-0.267	32.112	-0.144	32.120	-0.171	32.133	-0.178	32.143	-0.184
29.304	-0.261	29.315	-0.268	29.325	-0.269	29.335	-0.269	32.150	-0.191	32.161	-0.198	32.174	-0.197	32.184	-0.197
29.347	-0.262	29.362	-0.256	29.373	-0.242	29.386	-0.229	32.195	-0.197	32.213	-0.190	32.223	-0.183	32.234	-0.183
29.400	-0.215	29.410	-0.195	29.422	-0.189	29.434	-0.182	32.248	-0.162	32.262	-0.148	32.276	-0.141	32.291	-0.127
29.445	-0.175	29.456	-0.175	29.457	-0.176	29.458	-0.176	32.307	-0.113	32.328	-0.086	32.342	-0.065	32.357	-0.051
29.470	-0.176	29.470	-0.169	29.481	-0.169	29.491	-0.176	32.365	-0.044	32.372	-0.037	32.382	-0.036	32.391	-0.029
29.501	-0.176	29.509	-0.176	29.521	-0.170	29.536	-0.170	32.402	-0.029	32.413	-0.028	32.425	-0.021	32.439	-0.014
29.548	-0.157	29.570	-0.137	29.583	-0.131	29.590	-0.124	32.450	-0.013	32.463	-0.013	32.472	-0.006	32.483	0.008
29.602	-0.111	29.615	-0.104	29.635	-0.118	29.648	-0.125	32.495	0.009	32.507	0.016	32.519	0.023	32.531	0.037
29.656	-0.126	29.669	-0.133	29.683	-0.133	29.698	-0.140	32.541	0.050	32.557	0.071	32.569	0.085	32.581	0.092
29.708	-0.134	29.730	-0.148	29.739	-0.148	29.755	-0.162	32.594	0.099	32.607	0.106	32.619	0.113	32.631	0.120
29.773	-0.176	29.787	-0.190	29.801	-0.191	29.817	-0.205	32.638	0.127	32.652	0.121	32.667	0.107	32.681	0.094
29.830	-0.212	29.838	-0.226	29.851	-0.233	29.868	-0.247	32.693	0.080	32.705	0.067	32.717	0.067	32.731	0.054
29.876	-0.254	29.890	-0.261	29.905	-0.261	29.913	-0.255	32.747	0.054	32.759	0.054	32.772	0.033	32.788	0.026
29.926	-0.262	29.933	-0.248	29.947	-0.235	29.958	-0.215	32.801	0.026	32.816	0.013	32.835	-0.001	32.850	-0.015
29.966	-0.201	29.983	-0.195	29.994	-0.195	30.007	-0.175	32.860	0.006	32.872	0.006	32.882	-0.001	32.895	-0.015
30.020	-0.154	30.031	-0.141	30.042	-0.134	30.053	-0.141	32.906	-0.021	32.916	-0.028	32.923	-0.035	32.934	-0.042
30.064	-0.128	30.079	-0.115	30.099	-0.122	30.100	-0.122	32.942	-0.042	32.953	-0.049	32.964	-0.049	32.975	-0.055
30.114	-0.095	30.124	-0.088	30.137	-0.088	30.151	-0.082	32.986	-0.049	32.997	-0.042	33.012	-0.042	33.026	-0.042
30.168	-0.062	30.183	-0.055	30.199	-0.035	30.214	-0.001	33.037	-0.035	33.048	-0.028	33.060	-0.021	33.072	-0.015
30.234	0.026	30.252	0.073	30.262	0.080	30.277	0.134	33.080	-0.021	33.092	-0.028	33.104	-0.035	33.118	-0.042
30.292	0.075	30.311	0.195	30.318	0.215	30.332	0.256	33.127	-0.062	33.143	-0.083	33.156	-0.103	33.165	-0.117
30.345	0.263	30.364	0.249	30.382	0.248	30.395	0.221	33.175	-0.137	33.187	-0.151	33.197	-0.171	33.211	-0.192
30.408	0.214	30.425	0.214	30.439	0.186	30.454	0.172	33.223	-0.192	33.238	-0.199	33.251	-0.199	33.265	-0.192
								33.281	-0.171	33.297	-0.158	33.312	-0.137	33.329	-0.103

33.351	-0.076	33.366	-0.042	33.383	-0.021	33.400	0.006	36.369	0.033	36.383	0.026	36.401	0.019	36.417	0.012
33.418	0.033	33.427	0.060	33.443	0.094	33.460	0.122	36.436	0.011	36.458	0.004	36.479	-0.003	36.496	-0.010
33.471	0.142	33.486	0.169	33.503	0.190	33.516	0.203	36.513	-0.033	36.526	-0.010	36.545	-0.017	36.564	-0.025
33.526	0.210	33.537	0.210	33.549	0.189	33.560	0.148	36.583	-0.045	36.599	-0.052	36.616	-0.072	36.635	-0.086
33.572	0.135	33.584	0.100	33.598	0.059	33.608	0.038	36.648	-0.113	36.658	-0.120	36.666	-0.127	36.674	-0.134
33.621	0.018	33.634	-0.033	33.648	-0.037	33.669	-0.037	36.679	-0.147	36.684	-0.161	36.692	-0.168	36.707	-0.189
33.659	-0.065	33.677	-0.051	33.690	-0.045	33.703	-0.065	36.720	-0.216	36.733	-0.237	36.740	-0.244	36.748	-0.251
33.712	-0.072	33.730	-0.032	33.740	-0.012	33.760	-0.026	36.760	-0.251	36.764	-0.258	36.771	-0.244	36.780	-0.244
33.769	-0.006	33.780	0.008	33.795	-0.006	33.808	0.021	36.791	-0.217	36.804	-0.197	36.809	-0.183	36.817	-0.163
33.819	0.034	33.834	0.047	33.845	0.054	33.860	0.087	36.827	-0.150	36.836	-0.129	36.848	-0.102	36.858	-0.075
33.868	0.094	33.879	0.087	33.888	0.100	33.902	0.113	36.870	-0.155	36.879	-0.042	36.890	-0.028	36.900	-0.008
33.924	0.113	33.942	0.133	33.959	0.119	33.971	0.119	36.907	-0.001	36.917	0.019	36.933	0.018	36.939	0.025
33.984	0.126	33.999	0.118	34.015	0.105	34.034	0.104	36.950	0.050	36.966	0.044	36.973	0.044	36.984	0.044
34.053	0.097	34.067	0.090	34.107	0.104	34.100	0.110	36.990	0.050	37.004	0.057	37.020	0.049	37.033	0.042
34.106	0.110	34.122	0.123	34.132	0.130	34.144	0.130	37.047	0.042	37.055	0.035	37.070	0.027	37.081	0.027
34.156	0.136	34.173	0.143	34.188	0.143	34.193	0.143	37.089	0.034	37.105	0.040	37.116	0.040	37.126	0.039
34.217	0.142	34.221	0.149	34.231	0.156	34.244	0.155	37.136	0.032	37.147	0.032	37.158	0.032	37.167	0.032
34.261	0.155	34.275	0.168	34.282	0.161	34.304	0.154	37.176	0.025	37.186	0.018	37.196	0.011	37.207	0.004
34.311	0.154	34.335	0.133	34.343	0.120	34.358	0.099	37.222	-0.010	37.232	-0.024	37.244	-0.031	37.256	-0.045
34.374	0.079	34.387	0.058	34.405	0.037	34.421	-0.004	37.268	-0.058	37.282	-0.072	37.296	-0.079	37.306	-0.093
34.430	-0.017	34.439	-0.045	34.454	-0.072	34.466	-0.092	37.312	-0.100	37.317	-0.100	37.330	-0.093	37.338	-0.080
34.478	-0.106	34.486	-0.120	34.457	-0.147	34.509	-0.161	37.352	-0.067	37.364	-0.046	37.376	-0.026	37.387	-0.013
34.517	-0.154	34.529	-0.168	34.542	-0.168	34.553	-0.175	37.396	0.008	37.410	0.021	37.420	0.035	37.429	0.041
34.564	-0.182	34.578	-0.182	34.591	-0.189	34.606	-0.182	37.442	0.048	37.453	0.061	37.461	0.068	37.471	0.068
34.620	-0.176	34.634	-0.176	34.644	-0.176	34.658	-0.176	37.482	0.074	37.492	0.074	37.501	0.074	37.513	0.060
34.673	-0.183	34.690	-0.190	34.709	-0.197	34.722	-0.175	37.524	0.046	37.530	0.032	37.542	0.012	37.555	0.004
34.739	-0.197	34.756	-0.191	34.765	-0.185	34.782	-0.165	37.565	-0.010	37.576	-0.024	37.588	-0.024	37.600	-0.024
34.798	-0.145	34.812	-0.131	34.827	-0.118	34.842	-0.112	37.616	-0.025	37.628	-0.018	37.641	-0.012	37.652	0.001
34.858	-0.105	34.873	-0.092	34.887	-0.079	34.900	-0.059	37.664	0.008	37.675	0.014	37.686	0.027	37.699	0.040
34.911	-0.045	34.929	-0.046	34.943	-0.053	34.945	-0.060	37.709	0.054	37.723	0.060	37.737	0.073	37.749	0.080
34.952	-0.067	34.961	-0.087	34.970	-0.108	34.978	-0.129	37.754	0.087	37.760	0.080	37.771	0.073	37.780	0.059
34.989	-0.156	34.996	-0.184	35.012	-0.198	35.022	-0.198	37.790	0.045	37.800	0.031	37.811	0.010	37.824	-0.004
35.027	-0.198	35.036	-0.219	35.045	-0.233	35.054	-0.246	37.830	-0.017	37.839	-0.031	37.849	-0.045	37.858	-0.052
35.064	-0.267	35.074	-0.267	35.083	-0.268	35.095	-0.282	37.872	-0.073	37.885	-0.087	37.895	-0.108	37.905	-0.122
35.105	-0.275	35.119	-0.255	35.133	-0.221	35.148	-0.194	37.916	-0.142	37.925	-0.156	37.934	-0.170	37.943	-0.191
35.162	-0.181	35.175	-0.174	35.190	-0.161	35.203	-0.134	37.955	-0.198	37.967	-0.212	37.982	-0.219	37.989	-0.226
35.214	-0.134	35.223	-0.134	35.237	-0.134	35.251	-0.134	37.996	-0.219	38.005	-0.213	38.017	-0.213	38.026	-0.206
35.264	-0.114	35.279	-0.101	35.295	-0.088	35.306	-0.095	38.038	-0.200	38.049	-0.187	38.057	-0.180	38.066	-0.173
35.318	-0.074	35.329	-0.074	35.339	-0.081	35.347	-0.088	38.078	-0.167	38.094	-0.154	38.109	-0.147	38.122	-0.134
35.358	-0.102	35.370	-0.102	35.380	-0.102	35.390	-0.102	38.134	-0.121	38.147	-0.114	38.164	-0.094	38.176	-0.081
35.406	-0.089	35.423	-0.082	35.436	-0.075	35.454	-0.062	38.187	-0.054	38.200	-0.034	38.212	-0.014	38.226	0.012
35.466	-0.048	35.485	-0.042	35.491	-0.028	35.509	0.013	38.241	0.026	38.260	0.038	38.275	0.045	38.291	0.044
35.524	0.060	35.534	0.088	35.551	0.136	35.565	0.183	38.307	0.030	38.320	0.016	38.335	0.015	38.353	0.008
35.577	0.211	35.588	0.238	35.603	0.259	35.613	0.279	38.371	0.001	38.382	-0.013	38.395	-0.021	38.408	-0.028
35.621	0.293	35.632	0.314	35.650	0.341	35.668	0.355	38.419	-0.042	38.430	-0.042	38.442	-0.043	38.462	-0.037
35.674	0.362	35.686	0.348	35.709	0.314	35.720	0.273	38.476	-0.024	38.494	-0.017	38.512	-0.011	38.531	-0.005
35.738	0.219	35.755	0.171	35.771	0.130	35.788	0.103	38.543	0.008	38.559	0.014	38.575	0.028	38.592	0.034
35.804	0.076	35.822	0.055	35.834	0.035	35.854	0.008	38.606	0.047	38.622	0.053	38.635	0.060	38.655	0.059
35.869	-0.020	35.886	-0.033	35.906	-0.047	35.920	-0.054	38.665	0.059	38.680	0.058	38.692	0.058	38.709	0.057
35.935	-0.054	35.956	-0.048	35.976	-0.048	35.996	-0.048	38.722	0.057	38.738	0.063	38.756	0.062	38.772	0.068
36.012	-0.055	36.027	-0.063	36.045	-0.070	36.062	-0.050	38.789	0.068	38.808	0.060	38.818	0.060	38.834	0.073
36.076	-0.022	36.086	-0.039	36.102	-0.018	36.119	0.052	38.854	0.079	38.862	0.093	38.875	0.099	38.888	0.105
36.137	0.085	36.153	0.106	36.179	0.139	36.197	0.166	38.901	0.079	38.914	0.125	38.928	0.131	38.935	0.131
36.215	0.186	36.231	0.200	36.248	0.199	36.259	0.206	38.957	0.131	38.967	0.124	38.980	0.110	38.991	0.096
36.271	0.199	36.282	0.178	36.299	0.157	36.313	0.137	39.000	0.102	39.013	0.095	39.022	0.088	39.034	0.088
36.322	0.109	36.333	0.089	36.343	0.082	36.353	0.061	39.046	0.088	39.061	0.094	39.070	0.094	39.080	0.094

39.095	0.093	39.104	0.093	39.117	0.099	39.132	0.099	41.850	-0.092	41.864	-0.079	41.875	-0.073	41.885	-0.059
39.146	0.099	39.159	0.092	39.172	0.092	39.183	0.078	41.896	-0.053	41.910	-0.047	41.922	-0.034	41.934	-0.021
39.199	0.071	39.208	0.064	39.219	0.057	39.230	0.043	41.946	-0.008	41.956	-0.001	41.969	0.005	41.979	0.011
39.245	0.036	39.256	0.036	39.266	0.029	39.276	0.022	41.993	0.010	42.002	0.003	42.011	0.003	42.022	0.005
39.292	0.015	39.304	0.001	39.315	0.001	39.327	0.006	42.037	-0.012	42.047	-0.013	42.061	-0.020	42.074	-0.035
39.340	-0.014	39.350	-0.021	39.360	-0.014	39.376	-0.022	42.087	-0.042	42.097	-0.043	42.109	-0.043	42.118	-0.051
39.393	-0.029	39.413	-0.037	39.427	-0.044	39.440	-0.044	42.128	-0.051	42.141	-0.052	42.151	-0.045	42.161	-0.039
39.451	-0.052	39.465	-0.045	39.479	-0.025	39.496	-0.019	42.176	-0.040	42.194	-0.027	42.200	-0.020	42.210	-0.021
39.511	-0.006	39.519	0.007	39.534	-0.000	39.549	0.013	42.219	-0.021	42.235	-0.022	42.248	-0.023	42.262	-0.023
39.566	0.019	39.575	0.019	39.589	0.032	39.606	0.051	42.277	-0.031	42.289	-0.031	42.299	-0.032	42.309	-0.032
39.619	0.058	39.636	0.057	39.653	0.063	39.666	0.062	42.323	-0.033	42.339	-0.034	42.357	-0.034	42.373	-0.035
39.681	0.055	39.693	0.048	39.709	0.033	39.721	0.019	42.392	-0.042	42.411	-0.043	42.429	-0.044	42.441	-0.051
39.734	0.005	39.747	-0.009	39.758	-0.029	39.773	-0.037	42.467	-0.052	42.484	-0.059	42.495	-0.060	42.506	-0.060
39.783	-0.050	39.793	-0.051	39.804	-0.065	39.813	-0.065	42.515	-0.060	42.529	-0.068	42.539	-0.082	42.551	-0.090
39.824	-0.065	39.833	-0.065	39.843	-0.059	39.854	-0.052	42.564	-0.091	42.575	-0.085	42.585	-0.086	42.597	-0.080
39.866	-0.039	39.877	-0.039	39.886	-0.033	39.896	-0.033	42.609	-0.074	42.620	-0.061	42.633	-0.062	42.647	-0.055
39.905	-0.043	39.915	-0.027	39.929	-0.041	39.943	-0.035	42.658	-0.049	42.670	-0.049	42.679	-0.035	42.691	-0.035
39.954	-0.068	39.963	-0.068	39.971	-0.082	39.982	-0.083	42.698	-0.021	42.704	-0.015	42.711	-0.015	42.717	-0.015
39.997	-0.090	40.012	-0.097	40.022	-0.111	40.033	-0.125	42.723	-0.008	42.731	-0.001	42.738	-0.008		
40.045	-0.125	40.056	-0.153	40.067	-0.167	40.078	-0.187								
40.090	-0.201	40.095	-0.208	40.107	-0.215	40.122	-0.223								
40.135	-0.223	40.144	-0.223	40.153	-0.217	40.166	-0.210								
40.179	-0.190	40.188	-0.184	40.201	-0.150	40.215	-0.130								
40.223	-0.124	40.231	-0.110	40.242	-0.097	40.260	-0.084								
40.270	-0.071	40.283	-0.058	40.293	-0.044	40.307	-0.045								
40.321	-0.045	40.337	-0.039	40.346	-0.039	40.354	-0.040								
40.364	-0.040	40.376	-0.047	40.388	-0.054	40.402	-0.055								
40.410	-0.055	40.421	-0.055	40.441	-0.042	40.453	-0.043								
40.462	-0.043	40.473	-0.030	40.487	-0.030	40.501	-0.024								
40.511	-0.018	40.522	-0.018	40.531	-0.018	40.545	-0.012								
40.557	-0.012	40.568	-0.020	40.577	-0.020	40.588	-0.013								
40.600	-0.014	40.612	-0.021	40.625	-0.008	40.645	-0.005								
40.649	-0.002	40.664	-0.009	40.676	0.004	40.693	0.010								
40.707	0.017	40.721	0.016	40.731	0.023	40.745	0.029								
40.759	0.028	40.769	0.028	40.785	0.028	40.801	0.020								
40.813	0.013	40.823	0.006	40.833	-0.008	40.847	-0.015								
40.858	-0.023	40.868	-0.023	40.879	-0.023	40.887	-0.030								
40.898	-0.031	40.909	-0.024	40.919	-0.018	40.933	-0.011								
40.949	-0.005	40.964	0.001	40.977	0.014	40.991	0.021								
41.003	0.034	41.014	0.054	41.025	0.067	41.038	0.080								
41.052	0.100	41.067	0.120	41.079	0.140	41.096	0.146								
41.106	0.151	41.118	0.159	41.128	0.159	41.139	0.152								
41.152	0.151	41.162	0.144	41.178	0.143	41.184	0.136								
41.197	0.135	41.207	0.135	41.218	0.128	41.230	0.120								
41.240	0.120	41.251	0.119	41.263	0.112	41.275	0.105								
41.287	0.104	41.297	0.097	41.309	0.090	41.322	0.082								
41.332	0.075	41.345	0.081	41.355	0.080	41.371	0.074								
41.388	0.072	41.397	0.071	41.409	0.071	41.420	0.070								
41.432	0.070	41.444	0.062	41.456	0.055	41.468	0.054								
41.476	0.054	41.485	0.060	41.494	0.053	41.511	0.052								
41.520	0.052	41.536	0.051	41.549	0.050	41.565	0.043								
41.577	0.035	41.591	0.028	41.607	0.027	41.625	-0.007								
41.641	-0.022	41.660	-0.036	41.675	-0.044	41.688	-0.065								
41.706	-0.065	41.718	-0.073	41.732	-0.087	41.743	-0.094								
41.755	-0.095	41.767	-0.095	41.777	-0.102	41.789	-0.110								
41.801	-0.110	41.814	-0.104	41.823	-0.098	41.837	-0.098								

IR247

71.193 2/9/71 0600PST L.A. 6464 SUNSET BLVD. 12TH FL. EAST

3630 POINTS 42.722 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.4259 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.003	0.015	-0.003	0.026	-0.010	0.041	-0.038	1.664	0.059	1.676	0.037	1.686	0.051	1.695	0.078
0.049	-0.025	0.061	-0.011	0.075	-0.004	0.090	0.003	1.706	0.093	1.718	0.093	1.729	0.093	1.739	0.078
0.100	0.017	0.114	0.023	0.123	0.037	0.137	0.034	1.751	0.064	1.774	0.028	1.774	0.028	1.787	0.007
0.147	0.033	0.157	0.031	0.168	0.027	0.175	0.034	1.801	-0.008	1.814	-0.022	1.826	-0.051	1.835	-0.065
0.184	-0.049	0.198	-0.056	0.207	-0.056	0.216	-0.063	1.847	-0.072	1.856	-0.037	1.868	-0.016	1.882	-0.009
0.226	-0.071	0.234	-0.057	0.247	-0.029	0.259	-0.000	1.894	0.005	1.904	0.019	1.915	0.033	1.926	0.040
0.271	0.035	0.280	0.063	0.290	0.077	0.298	0.058	1.935	0.040	1.944	0.026	1.956	0.018	1.970	0.010
0.305	0.098	0.318	0.076	0.327	0.065	0.336	0.062	1.982	-0.031	1.995	-0.067	2.004	-0.067	2.017	-0.052
0.344	0.040	0.354	-0.002	0.364	-0.017	0.371	-0.045	2.031	-0.031	2.044	-0.033	2.056	0.026	2.068	0.033
0.384	-0.067	0.394	-0.074	0.403	-0.081	0.410	-0.081	2.080	0.033	2.091	0.033	2.100	0.033	2.110	0.033
0.420	-0.067	0.429	-0.039	0.440	-0.017	0.445	0.011	2.119	0.047	2.127	0.040	2.139	0.039	2.153	0.005
0.457	0.025	0.468	0.039	0.479	0.046	0.488	0.074	2.163	0.035	2.174	0.033	2.186	0.048	2.198	0.076
0.498	0.081	0.508	0.074	0.517	0.074	0.527	0.060	2.206	0.097	2.215	0.119	2.225	0.119	2.233	0.112
0.537	0.052	0.545	0.038	0.554	0.010	0.563	-0.004	2.242	0.105	2.253	0.098	2.263	0.077	2.274	0.048
0.573	-0.026	0.581	-0.033	0.591	-0.033	0.596	-0.047	2.285	0.034	2.294	0.007	2.305	-0.014	2.313	-0.021
0.607	-0.062	0.614	-0.069	0.624	-0.048	0.635	-0.034	2.326	0.008	2.338	0.009	2.347	0.002	2.354	0.045
0.644	-0.013	0.655	0.008	0.664	0.015	0.672	0.029	2.364	0.059	2.376	0.046	2.386	0.039	2.397	0.047
0.682	0.023	0.691	0.043	0.701	0.050	0.713	0.028	2.448	0.047	2.458	0.019	2.477	0.006	2.489	-0.008
0.723	0.064	0.731	0.063	0.742	0.035	0.753	0.064	2.449	-0.029	2.458	-0.042	2.468	-0.002	2.479	-0.027
0.762	0.020	0.775	-0.001	0.781	-0.016	0.792	-0.037	2.492	0.002	2.502	0.024	2.514	0.046	2.524	0.053
0.801	-0.045	0.807	-0.052	0.818	-0.038	0.829	-0.032	2.533	0.047	2.543	0.033	2.553	0.005	2.568	-0.015
0.838	-0.004	0.844	0.010	0.854	0.024	0.862	0.054	2.580	-0.043	2.589	0.056	2.598	0.063	2.606	-0.077
0.873	0.059	0.882	0.051	0.893	0.058	0.901	0.072	2.613	-0.083	2.626	-0.061	2.634	-0.054	2.641	-0.046
0.910	0.079	0.921	0.078	0.930	0.064	0.939	0.049	2.659	-0.031	2.668	-0.031	2.676	-0.004	2.681	-0.003
0.947	0.056	0.960	0.070	0.971	0.083	0.982	0.047	2.689	-0.031	2.698	-0.052	2.711	-0.066	2.722	-0.073
0.994	0.011	1.006	-0.025	1.018	-0.047	1.031	-0.076	2.738	-0.073	2.748	-0.080	2.756	-0.094	2.767	-0.073
1.041	-0.091	1.050	-0.119	1.061	-0.113	1.071	-0.106	2.781	-0.044	2.790	-0.074	2.803	-0.077	2.814	-0.073
1.080	-0.064	1.092	0.006	1.103	0.048	1.116	0.075	2.822	0.062	2.830	0.070	2.847	0.077	2.856	0.077
1.128	0.082	1.139	0.088	1.151	0.073	1.161	0.073	2.866	0.105	2.871	0.119	2.880	0.091	2.892	0.062
1.174	0.073	1.185	0.051	1.196	0.009	1.205	-0.027	2.901	0.033	2.914	-0.002	2.928	-0.038	2.933	-0.059
1.217	-0.041	1.227	-0.041	1.237	-0.035	1.247	-0.028	2.942	-0.066	2.948	-0.067	2.958	-0.053	2.970	-0.032
1.255	-0.014	1.268	-0.021	1.277	0.014	1.288	0.035	2.982	-0.018	2.996	-0.004	3.006	0.003	3.016	0.010
1.298	0.064	1.308	0.063	1.323	0.070	1.333	0.070	3.024	0.010	3.036	-0.012	3.048	-0.026	3.060	-0.033
1.342	0.056	1.353	0.027	1.364	-0.038	1.375	-0.051	3.068	-0.062	3.080	-0.090	3.090	-0.111	3.101	-0.118
1.385	-0.065	1.395	-0.072	1.406	-0.072	1.418	-0.065	3.113	-0.126	3.123	-0.133	3.133	-0.133	3.143	-0.112
1.429	-0.065	1.438	-0.065	1.451	-0.029	1.464	0.013	3.154	-0.105	3.165	-0.084	3.176	-0.048	3.187	-0.027
1.478	0.049	1.488	0.070	1.500	0.077	1.512	0.056	3.198	-0.041	3.209	-0.056	3.221	-0.035	3.226	-0.020
1.525	0.042	1.536	0.027	1.547	0.020	1.556	0.005	3.240	-0.020	3.252	-0.013	3.262	0.001	3.268	-0.006
1.567	0.012	1.578	0.026	1.586	0.026	1.600	0.032	3.277	-0.034	3.285	-0.034	3.297	-0.013	3.307	0.002
1.616	0.039	1.624	0.053	1.640	0.074	1.652	0.066	3.315	-0.013	3.325	-0.034	3.333	-0.019	3.348	-0.019

3.356	-0.026	3.368	-0.005	3.380	0.045	3.388	0.066	5.764	-0.421	5.778	-0.464	5.788	-0.492	5.800	-0.577
3.358	0.080	3.413	0.088	3.424	0.088	3.433	0.052	5.810	-0.668	5.819	-0.753	5.827	-0.789	5.835	-0.859
3.446	0.039	3.459	0.032	3.476	0.039	3.492	0.054	5.844	-0.930	5.855	-0.972	5.864	-0.986	5.874	-1.000
3.503	0.068	3.517	0.089	3.536	0.097	3.551	0.097	5.882	-1.000	5.892	-0.950	5.902	-0.879	5.914	-0.794
3.562	0.076	3.579	0.048	3.589	0.013	3.598	-0.001	5.922	-0.695	5.926	-0.610	5.932	-0.560	5.940	-0.489
3.610	-0.001	3.621	0.042	3.633	0.085	3.650	0.092	5.950	-0.418	5.956	-0.375	5.962	-0.255	5.968	-0.198
3.666	0.106	3.679	0.121	3.692	0.135	3.702	0.157	5.976	-0.134	5.985	-0.042	5.993	-0.006	5.998	0.029
3.711	0.114	3.722	0.044	3.737	0.009	3.751	-0.027	6.008	0.093	6.016	0.129	6.025	0.193	6.033	0.228
3.764	-0.048	3.777	-0.054	3.788	-0.076	3.803	-0.082	6.040	0.228	6.049	0.214	6.057	0.257	6.066	0.264
3.816	-0.068	3.828	-0.025	3.837	0.010	3.849	0.031	6.076	0.321	6.086	0.378	6.096	0.435	6.100	0.484
3.859	0.039	3.868	0.032	3.876	0.025	3.887	0.018	6.103	0.548	6.112	0.612	6.121	0.676	6.129	0.711
3.898	0.018	3.908	0.032	3.918	0.032	3.929	0.046	6.139	0.761	6.146	0.818	6.156	0.868	6.165	0.960
3.942	0.046	3.954	0.047	3.961	0.061	3.973	0.075	6.172	0.974	6.179	0.847	6.190	0.811	6.201	0.804
3.984	0.061	3.995	0.047	4.007	0.026	4.018	0.026	6.211	0.797	6.218	0.776	6.221	0.719	6.229	0.634
4.028	0.018	4.036	0.004	4.045	-0.010	4.058	0.011	6.236	0.549	6.245	0.479	6.252	0.436	6.259	0.366
4.072	0.033	4.081	0.054	4.093	0.103	4.103	0.146	6.267	0.330	6.276	0.330	6.287	0.309	6.295	0.302
4.115	0.160	4.130	0.174	4.138	0.181	4.144	0.160	6.302	0.281	6.311	0.253	6.316	0.253	6.328	0.281
4.153	0.118	4.161	0.096	4.171	0.075	4.181	0.061	6.332	0.288	6.341	0.253	6.351	0.196	6.361	0.140
4.191	0.047	4.201	0.019	4.217	0.012	4.227	0.005	6.368	0.083	6.375	0.012	6.382	-0.051	6.390	-0.108
4.239	-0.009	4.247	0.013	4.258	0.034	4.267	0.056	6.401	-0.157	6.411	-0.207	6.419	-0.271	6.426	-0.356
4.280	0.084	4.295	0.106	4.305	0.099	4.312	0.078	6.436	-0.433	6.444	-0.490	6.454	-0.575	6.462	-0.639
4.322	0.028	4.335	-0.014	4.344	-0.021	4.354	-0.028	6.468	-0.724	6.475	-0.794	6.483	-0.879	6.491	-0.950
4.365	-0.049	4.376	-0.098	4.386	-0.133	4.397	-0.161	6.499	-0.985	6.508	-0.999	6.518	-0.992	6.527	-0.985
4.406	-0.168	4.413	-0.168	4.426	-0.132	4.435	-0.117	6.534	-0.971	6.540	-0.942	6.545	-0.872	6.553	-0.772
4.447	-0.096	4.456	-0.088	4.465	-0.088	4.477	-0.080	6.560	-0.708	6.569	-0.630	6.580	-0.574	6.588	-0.538
4.486	-0.080	4.496	-0.087	4.507	-0.079	4.520	-0.050	6.595	-0.496	6.602	-0.460	6.612	-0.439	6.622	-0.403
4.526	-0.050	4.538	-0.078	4.552	-0.085	4.564	-0.084	6.634	-0.439	6.648	-0.460	6.656	-0.460	6.665	-0.425
4.573	-0.077	4.582	-0.098	4.592	-0.112	4.604	-0.112	6.675	-0.460	6.690	-0.446	6.706	-0.440	6.721	-0.419
4.610	-0.098	4.617	-0.090	4.626	-0.111	4.632	-0.118	6.733	-0.376	6.747	-0.320	6.759	-0.242	6.772	-0.129
4.647	-0.097	4.649	-0.097	4.657	-0.125	4.667	-0.139	6.782	-0.300	6.794	-0.283	6.800	0.104	6.808	0.217
4.674	-0.139	4.684	-0.110	4.697	-0.075	4.705	-0.025	6.811	-0.302	6.820	0.366	6.828	0.493	6.837	0.649
4.716	0.032	4.726	0.068	4.738	0.082	4.749	0.089	6.850	0.812	6.859	0.967	6.868	1.073	6.874	1.130
4.760	0.089	4.771	0.111	4.783	0.103	4.793	0.103	6.883	1.158	6.890	1.151	6.898	1.101	6.904	1.079
4.803	0.089	4.811	0.061	4.818	0.018	4.827	0.004	6.913	1.079	6.922	1.043	6.929	0.951	6.934	0.866
4.839	0.018	4.852	0.026	4.862	0.018	4.881	0.004	6.940	0.774	6.949	0.681	6.956	0.610	6.962	0.546
4.893	-0.010	4.905	-0.024	4.916	-0.024	4.924	-0.010	6.971	0.454	6.979	0.425	6.988	0.404	6.997	0.382
4.934	0.004	4.944	-0.003	4.959	-0.017	4.963	-0.010	7.005	0.403	7.014	0.417	7.022	0.417	7.029	0.417
4.974	0.005	4.988	0.033	5.000	0.047	5.013	0.040	7.039	0.403	7.048	0.353	7.057	0.310	7.065	0.289
5.021	0.012	5.027	-0.016	5.038	-0.087	5.048	-0.115	7.075	0.253	7.086	0.210	7.090	0.161	7.098	0.132
5.056	-0.122	5.066	-0.122	5.075	-0.143	5.084	-0.171	7.104	0.146	7.111	0.182	7.118	0.217	7.127	0.259
5.093	-0.171	5.102	-0.150	5.109	-0.150	5.117	-0.115	7.139	0.316	7.146	0.351	7.154	0.386	7.159	0.443
5.128	-0.079	5.139	-0.058	5.152	-0.043	5.157	-0.036	7.166	0.514	7.173	0.563	7.181	0.627	7.188	0.683
5.167	-0.057	5.178	-0.036	5.187	-0.007	5.192	0.007	7.194	0.711	7.201	0.740	7.206	0.761	7.213	0.768
5.203	-0.014	5.214	-0.063	5.224	-0.077	5.233	-0.063	7.217	0.746	7.228	0.711	7.241	0.682	7.249	0.639
5.246	-0.063	5.258	-0.077	5.272	-0.069	5.285	-0.027	7.259	0.568	7.264	0.511	7.272	0.426	7.279	0.362
5.300	0.052	5.314	0.151	5.325	0.201	5.339	0.272	7.287	0.270	7.311	0.042	7.321	-0.015	7.333	-0.036
5.352	0.315	5.361	0.322	5.374	0.308	5.387	0.368	7.343	-0.036	7.349	-0.114	7.359	-0.193	7.367	-0.278
5.398	0.301	5.406	0.280	5.416	0.266	5.426	0.288	7.374	-0.356	7.381	-0.448	7.389	-0.534	7.398	-0.569
5.436	0.331	5.447	0.359	5.458	0.373	5.469	0.374	7.407	-0.591	7.414	-0.598	7.425	-0.606	7.436	-0.571
5.477	0.338	5.484	0.317	5.495	0.310	5.500	0.310	7.443	-0.521	7.452	-0.465	7.462	-0.423	7.475	-0.367
5.511	0.332	5.517	0.339	5.528	0.318	5.541	0.283	7.487	-0.303	7.499	-0.214	7.509	-0.191	7.522	-0.106
5.553	0.255	5.569	0.198	5.581	0.170	5.594	0.142	7.532	-0.036	7.540	0.014	7.547	0.042	7.557	0.091
5.608	0.114	5.618	0.058	5.632	-0.006	5.647	-0.069	7.565	0.162	7.574	0.253	7.582	0.317	7.588	0.380
5.659	-0.076	5.668	-0.097	5.674	-0.140	5.685	-0.210	7.596	0.408	7.605	0.429	7.608	0.422	7.615	0.394
5.696	-0.281	5.702	-0.309	5.710	-0.295	5.716	-0.252	7.622	0.344	7.631	0.280	7.639	0.195	7.645	0.110
5.719	-0.302	5.725	-0.394	5.736	-0.415	5.756	-0.407	7.652	0.032	7.656	-0.039	7.662	-0.103	7.666	-0.181

7.672	-0.217	7.678	-0.245	7.684	-0.266	7.694	-0.281	9.435	0.223	9.443	0.251	9.453	0.229	9.461	0.222
7.706	-0.323	7.719	-0.352	7.734	-0.402	7.747	-0.460	9.470	0.222	9.484	0.221	9.497	0.207	9.508	0.199
7.759	-0.480	7.781	-0.452	7.795	-0.375	7.813	-0.380	9.517	0.235	9.526	0.261	9.536	0.276	9.543	0.269
7.826	-0.396	7.839	-0.367	7.848	-0.318	7.860	-0.353	9.553	0.255	9.564	0.261	9.576	0.261	9.581	0.246
7.870	-0.381	7.883	-0.360	7.896	-0.324	7.906	-0.296	9.590	0.225	9.598	0.196	9.607	0.152	9.616	0.132
7.913	-0.251	7.919	-0.225	7.930	-0.168	7.936	-0.125	9.626	0.110	9.633	0.152	9.643	0.152	9.652	0.173
7.943	-0.083	7.952	-0.026	7.960	0.024	7.967	0.052	9.661	0.173	9.670	0.222	9.682	0.228	9.690	0.221
7.943	0.066	7.980	0.052	7.990	0.045	7.996	0.038	9.702	0.199	9.709	0.213	9.719	0.213	9.728	0.184
8.001	0.024	8.009	0.034	8.023	0.010	8.028	0.052	9.739	0.149	9.750	0.106	9.756	0.028	9.768	-0.043
8.039	0.024	8.047	-0.039	8.060	0.032	8.070	0.067	9.778	-0.093	9.786	-0.143	9.796	-0.186	9.803	-0.214
8.077	0.010	8.086	-0.060	8.094	-0.096	8.104	-0.124	9.813	-0.271	9.820	-0.321	9.829	-0.392	9.839	-0.463
8.112	-0.195	8.123	-0.239	8.132	-0.237	8.141	-0.329	9.847	-0.499	9.858	-0.513	9.867	-0.549	9.874	-0.578
8.148	-0.435	8.152	-0.492	8.157	-0.577	8.163	-0.558	9.880	-0.599	9.887	-0.628	9.897	-0.642	9.904	-0.671
8.175	-0.640	8.181	-0.655	8.187	-0.669	8.193	-0.683	9.909	-0.720	9.914	-0.756	9.923	-0.841	9.929	-0.926
8.203	-0.662	8.210	-0.648	8.218	-0.662	8.229	-0.684	9.936	-1.025	9.941	-1.110	9.945	-1.181	9.952	-1.281
8.237	-0.677	8.246	-0.691	8.257	-0.691	8.269	-0.677	9.959	-1.345	9.967	-1.408	9.975	-1.508	9.986	-1.593
8.277	-0.699	8.282	-0.734	8.287	-0.798	8.292	-0.855	9.991	-1.621	10.000	-1.650	10.006	-1.735	10.017	-1.827
8.299	-0.891	8.305	-0.912	8.312	-0.940	8.318	-0.969	10.025	-1.913	10.032	-2.033	10.040	-2.139	10.050	-2.246
8.322	-1.004	8.328	-1.033	8.336	-1.054	8.343	-1.047	10.058	-2.367	10.066	-2.430	10.076	-2.523	10.081	-2.544
8.351	-0.977	8.360	-0.913	8.369	-0.828	8.374	-0.736	10.088	-2.495	10.095	-2.488	10.103	-2.544	10.107	-2.545
8.384	-0.637	8.396	-0.539	8.407	-0.383	8.416	-0.256	10.117	-2.439	10.122	-2.276	10.129	-2.113	10.137	-1.965
8.426	-0.214	8.437	-0.165	8.449	-0.094	8.459	-0.059	10.143	-1.802	10.151	-1.625	10.158	-1.476	10.166	-1.314
8.469	-0.017	8.479	0.032	8.487	0.060	8.496	0.088	10.176	-1.158	10.188	-0.960	10.194	-0.854	10.205	-0.727
8.507	0.088	8.514	0.095	8.522	0.123	8.531	0.144	10.217	-0.621	10.230	-0.536	10.238	-0.444	10.251	-0.381
8.538	0.157	8.543	0.150	8.553	0.136	8.562	0.128	10.262	-0.296	10.271	-0.233	10.281	-0.169	10.291	-0.098
8.571	0.142	8.577	0.135	8.584	0.092	8.590	0.064	10.300	-0.028	10.309	0.064	10.312	0.113	10.327	0.155
8.597	0.028	8.607	0.064	8.610	0.078	8.615	-0.043	10.336	0.183	10.345	0.204	10.355	0.217	10.363	0.196
8.621	-0.128	8.623	-0.156	8.636	-0.157	8.646	-0.121	10.369	0.167	10.379	0.152	10.387	0.145	10.395	0.130
8.650	-0.114	8.656	-0.143	8.664	-0.207	8.671	-0.242	10.404	0.123	10.414	0.144	10.422	0.172	10.430	0.207
8.677	-0.249	8.688	-0.242	8.695	-0.243	8.706	-0.207	10.441	0.228	10.450	0.263	10.463	0.276	10.474	0.269
8.713	-0.179	8.723	-0.144	8.731	-0.137	8.743	-0.123	10.485	0.268	10.490	0.296	10.491	0.317	10.496	0.324
8.749	-0.109	8.759	-0.081	8.768	-0.010	8.777	0.075	10.502	0.253	10.509	0.217	10.519	0.196	10.528	0.245
8.786	0.160	8.794	0.274	8.801	0.429	8.807	0.557	10.536	0.287	10.542	0.301	10.553	0.300	10.558	0.328
8.814	0.699	8.819	0.840	8.826	1.003	8.831	1.138	10.567	0.378	10.579	0.427	10.590	0.454	10.602	0.475
8.836	1.265	8.840	1.357	8.844	1.485	8.849	1.591	10.610	0.496	10.623	0.510	10.635	0.509	10.646	0.516
8.856	1.712	8.863	1.832	8.869	1.931	8.873	1.955	10.658	0.529	10.671	0.557	10.680	0.592	10.689	0.677
8.880	2.052	8.891	2.045	8.895	1.081	8.908	1.945	10.699	0.755	10.709	0.811	10.717	0.867	10.728	0.902
8.916	1.910	8.927	1.925	8.934	1.740	8.939	1.669	10.736	0.916	10.743	0.923	10.751	0.909	10.759	0.880
8.944	1.635	8.951	1.520	8.959	1.428	8.965	1.322	10.767	0.852	10.776	0.816	10.786	0.773	10.797	0.773
8.972	1.237	8.979	1.159	8.985	1.081	8.992	1.024	10.801	0.766	10.812	0.751	10.819	0.723	10.828	0.708
8.999	0.960	9.004	0.889	9.009	0.818	9.016	0.748	10.836	0.729	10.846	0.743	10.858	0.750	10.868	0.792
9.021	0.684	9.024	0.636	9.031	0.577	9.037	0.528	10.879	0.835	10.889	0.848	10.896	0.834	10.905	0.813
9.041	0.450	9.044	0.358	9.046	0.273	9.048	0.216	10.913	0.798	10.923	0.826	10.935	0.840	10.947	0.854
9.057	0.202	9.062	0.244	9.069	0.258	9.075	0.251	10.958	0.868	10.968	0.896	10.981	0.910	10.990	0.917
9.081	0.201	9.089	0.074	9.096	0.074	9.102	0.024	11.001	0.909	11.012	0.902	11.018	0.873	11.028	0.830
9.109	0.003	9.116	-0.047	9.123	-0.111	9.129	-0.167	11.034	0.795	11.043	0.745	11.054	0.667	11.061	0.624
9.136	-0.182	9.147	-0.175	9.154	-0.125	9.168	-0.057	11.070	0.581	11.077	0.553	11.090	0.566	11.102	0.566
9.175	-0.034	9.184	0.002	9.193	0.037	9.202	0.093	11.111	0.580	11.127	0.565	11.141	0.522	11.152	0.536
9.211	0.115	9.217	0.150	9.225	0.235	9.231	0.320	11.164	0.578	11.177	0.647	11.188	0.612	11.202	0.605
9.240	0.383	9.245	0.461	9.252	0.518	9.259	0.546	11.209	0.597	11.217	0.647	11.227	0.682	11.241	0.802
9.265	0.553	9.277	0.538	9.282	0.524	9.287	0.482	11.251	0.844	11.258	0.858	11.270	0.985	11.282	1.098
9.293	0.446	9.298	0.410	9.303	0.382	9.313	0.339	11.297	1.233	11.306	1.310	11.313	1.350	11.323	1.430
9.317	0.297	9.324	0.247	9.331	0.169	9.338	0.105	11.334	1.487	11.337	1.501	11.349	1.501	11.355	1.465
9.345	0.041	9.351	-0.002	9.359	-0.037	9.367	-0.059	11.361	1.437	11.369	1.373	11.375	1.302	11.385	1.217
9.378	-0.073	9.387	-0.045	9.392	-0.017	9.397	0.068	11.389	1.146	11.398	1.096	11.406	1.046	11.418	1.011
9.403	0.124	9.413	0.124	9.421	0.152	9.428	0.195	11.427	0.975	11.437	0.961	11.449	0.939	11.454	0.925

11.465	0.897	11.474	0.897	11.479	0.925	11.486	0.946	13.996	0.646	14.008	0.815	14.020	0.985	14.027	1.063
11.492	0.911	11.505	0.896	11.514	0.882	11.518	0.882	14.037	1.105	14.048	1.183	14.052	1.183	14.061	1.097
11.523	0.832	11.531	0.783	11.538	0.733	11.550	0.705	14.075	1.012	14.090	0.905	14.107	0.784	14.127	0.628
11.558	0.669	11.567	0.598	11.574	0.534	11.586	0.478	14.140	0.507	14.155	0.379	14.169	0.308	14.183	0.237
11.597	0.442	11.610	0.407	11.619	0.378	11.630	0.357	14.204	0.138	14.217	0.095	14.227	0.045	14.239	0.033
11.637	0.357	11.650	0.385	11.667	0.413	11.681	0.427	14.263	-0.125	14.285	-0.204	14.297	-0.225	14.316	-0.311
11.693	0.419	11.702	0.426	11.713	0.419	11.727	0.376	14.333	-0.382	14.348	-0.431	14.365	-0.459	14.380	-0.474
11.738	0.341	11.751	0.291	11.760	0.241	11.774	0.099	14.389	-0.488	14.402	-0.558	14.413	-0.544	14.431	-0.501
11.785	-0.014	11.798	-0.156	11.809	-0.305	11.818	-0.440	14.446	-0.466	14.458	-0.459	14.473	-0.473	14.487	-0.494
11.827	-0.525	11.833	-0.603	11.841	-0.681	11.847	-0.724	14.498	-0.522	14.510	-0.572	14.522	-0.600	14.533	-0.614
11.859	-0.739	11.867	-0.859	11.870	-0.867	11.877	-0.878	14.545	-0.600	14.558	-0.557	14.570	-0.501	14.583	-0.416
11.888	-0.825	11.896	-0.747	11.901	-0.719	11.913	-0.740	14.596	-0.352	14.609	-0.274	14.622	-0.217	14.633	-0.168
11.918	-0.726	11.932	-0.723	11.943	-0.756	11.957	-0.749	14.646	-0.146	14.658	-0.118	14.670	-0.090	14.684	-0.075
11.963	-0.721	11.975	-0.700	11.988	-0.700	12.000	-0.729	14.697	-0.040	14.708	-0.047	14.728	-0.047	14.742	-0.075
12.009	-0.729	12.019	-0.708	12.026	-0.730	12.038	-0.815	14.752	-0.068	14.776	-0.390	14.791	-0.111	14.805	-0.175
12.049	-0.887	12.058	-0.972	12.069	-1.072	12.079	-1.164	14.819	-0.246	14.833	-0.317	14.847	-0.374	14.858	-0.395
12.089	-1.236	12.101	-1.314	12.112	-1.385	12.122	-1.407	14.874	-0.367	14.888	-0.332	14.908	-0.311	14.924	-0.240
12.131	-1.386	12.141	-1.337	12.153	-1.253	12.162	-1.154	14.944	-0.091	14.957	0.043	14.974	0.164	14.988	0.277
12.174	-1.069	12.185	-0.984	12.198	-0.893	12.205	-0.850	15.000	0.419	15.010	0.504	15.021	0.575	15.033	0.631
*12.220	-0.801	12.232	-0.745	12.253	-0.689	12.268	-0.675	15.045	0.688	15.056	0.716	15.068	0.730	15.076	0.723
12.279	-0.614	12.290	-0.603	12.303	-0.591	12.318	-0.599	15.081	0.716	15.090	0.667	15.100	0.603	15.112	0.532
12.332	-0.614	12.343	-0.663	12.351	-0.685	12.364	-0.721	15.121	0.461	15.134	0.390	15.143	0.341	15.150	0.270
12.375	-0.784	12.386	-0.856	12.394	-0.919	12.408	-0.948	15.155	0.164	15.161	0.079	15.171	0.015	15.181	-0.042
12.425	-1.062	12.428	-1.062	12.428	-1.062	12.438	-1.048	15.191	-0.106	15.206	-0.163	15.219	-0.248	15.231	-0.298
12.447	-1.020	12.456	-1.020	12.467	-1.055	12.475	-1.077	15.240	-0.312	15.250	-0.291	15.262	-0.277	15.272	-0.270
12.484	-1.119	12.491	-1.169	12.501	-1.205	12.511	-1.226	15.280	-0.241	15.286	-0.227	15.305	-0.242	15.324	-0.256
12.521	-1.255	12.528	-1.262	12.535	-1.269	12.545	-1.262	15.339	-0.291	15.351	-0.306	15.363	-0.348	15.376	-0.419
12.561	-1.220	12.573	-1.178	12.586	-1.157	12.598	-1.121	15.387	-0.441	15.403	-0.547	15.413	-0.661	15.427	-0.611
12.609	-1.051	12.617	-1.037	12.628	-1.086	12.643	-1.129	15.437	-0.526	15.443	-0.545	15.457	-0.526	15.468	-0.569
12.656	-1.172	12.671	-1.201	12.683	-1.215	12.689	-1.243	15.479	-0.590	15.485	-0.576	15.491	-0.470	15.500	-0.477
12.702	-1.272	12.710	-1.308	12.716	-1.293	12.724	-1.244	15.506	-0.583	15.520	-0.555	15.525	-0.506	15.533	-0.421
12.732	-1.216	12.744	-1.145	12.759	-1.011	12.776	-0.883	15.541	-0.385	15.551	-0.400	15.555	-0.392	15.565	-0.364
12.790	-0.770	12.803	-0.685	12.817	-0.614	12.831	-0.572	15.574	-0.293	15.588	-0.258	15.596	-0.229	15.611	-0.152
12.845	-0.551	12.853	-0.572	12.869	-0.565	12.888	-0.488	15.628	-0.109	15.646	-0.031	15.664	0.033	15.678	0.075
12.909	-0.431	12.922	-0.413	12.936	-0.375	12.950	-0.304	15.689	0.125	15.699	0.139	15.708	0.132	15.718	0.118
12.968	-0.269	12.981	-0.198	12.994	-0.106	13.004	-0.015	15.731	0.132	15.739	0.160	15.753	0.153	15.771	0.160
13.011	0.021	13.018	0.035	13.032	0.176	13.044	0.318	15.788	0.195	15.796	0.231	15.808	0.259	15.824	0.308
13.055	0.395	13.072	0.501	13.085	0.593	13.099	0.635	15.837	0.393	15.846	0.443	15.852	0.457	15.864	0.577
13.110	0.649	13.123	0.593	13.138	0.550	13.149	0.528	15.873	0.655	15.885	0.655	15.896	0.832	15.908	0.981
13.160	0.699	13.170	0.498	13.178	0.470	13.186	0.455	15.920	1.094	15.934	1.264	15.951	1.448	15.966	1.582
13.199	0.455	13.207	0.454	13.222	0.439	13.234	0.425	15.982	1.681	15.997	1.773	16.011	1.816	16.020	1.815
13.239	0.396	13.250	0.318	13.264	0.260	13.276	0.156	16.031	1.745	16.042	1.659	16.054	1.574	16.064	1.461
13.294	0.132	13.306	0.060	13.319	0.017	13.327	0.003	16.075	1.319	16.083	1.191	16.094	1.071	16.104	0.943
13.339	-0.047	13.355	-0.026	13.363	0.016	13.378	0.015	16.115	0.830	16.124	0.724	16.132	0.660	16.145	0.596
13.394	0.093	13.409	0.128	13.425	0.149	13.441	0.219	16.152	0.546	16.161	0.426	16.173	0.397	16.185	0.337
13.455	0.240	13.468	0.275	13.485	0.317	13.497	0.374	16.198	0.235	16.211	0.135	16.220	0.057	16.231	-0.028
13.509	0.430	13.524	0.500	13.539	0.564	13.551	0.592	16.242	-0.113	16.254	-0.148	16.261	-0.183	16.273	-0.254
13.563	0.642	13.575	0.677	13.589	0.727	13.603	0.777	16.285	-0.177	16.300	-0.297	16.310	-0.283	16.324	-0.254
13.610	0.642	13.622	0.840	13.633	0.869	13.648	0.904	16.333	-0.233	16.350	-0.226	16.362	-0.198	16.378	-0.177
13.658	0.911	13.671	0.897	13.683	0.869	13.692	0.805	16.394	-0.141	16.406	-0.127	16.418	-0.127	16.435	-0.156
13.701	0.755	13.705	0.734	13.712	0.784	13.723	0.762	16.446	-0.177	16.463	-0.244	16.477	-0.277	16.488	-0.312
13.732	0.684	13.741	0.663	13.753	0.713	13.766	0.755	16.498	-0.369	16.510	-0.426	16.524	-0.483	16.537	-0.518
13.776	0.769	13.790	0.741	13.805	0.677	13.814	0.641	16.552	-0.532	16.567	-0.532	16.579	-0.533	16.593	-0.511
13.830	0.634	13.843	0.599	13.863	0.563	13.877	0.534	16.608	-0.491	16.618	-0.476	16.635	-0.483	16.647	-0.491
13.891	0.499	13.902	0.470	13.918	0.435	13.936	0.392	16.663	-0.497	16.678	-0.505	16.693	-0.477	16.706	-0.456
13.946	0.385	13.961	0.441	13.972	0.512	13.984	0.561	16.719	-0.385	16.729	-0.336	16.745	-0.293	16.761	-0.279

16.771	-0.237	16.780	-0.229	16.789	-0.300	16.799	-0.329	19.762	-0.607	19.773	-0.579	19.788	-0.522	19.799	-0.466
16.812	-0.343	16.826	-0.385	16.841	-0.456	16.853	-0.513	19.812	-0.409	19.824	-0.374	19.838	-0.324	19.851	-0.296
16.861	-0.527	16.871	-0.520	16.888	-0.506	16.905	-0.485	19.867	-0.240	19.880	-0.240	19.893	-0.204	19.910	-0.162
16.914	-0.477	16.927	-0.449	16.939	-0.442	16.952	-0.456	19.926	-0.105	19.943	-0.098	19.957	-0.055	19.972	-0.013
16.963	-0.498	16.977	-0.569	16.992	-0.647	17.010	-0.710	19.984	-0.012	20.002	-0.026	20.016	-0.054	20.032	-0.054
17.023	-0.774	17.040	-0.816	17.059	-0.844	17.066	-0.844	20.045	-0.040	20.061	-0.018	20.076	-0.004	20.084	-0.018
17.082	-0.836	17.094	-0.829	17.105	-0.836	17.117	-0.857	20.100	0.089	20.112	0.139	20.126	0.174	20.141	0.203
17.129	-0.892	17.140	-0.934	17.153	-0.990	17.164	-1.046	20.156	0.225	20.170	0.232	20.184	0.247	20.197	0.240
17.177	-1.088	17.190	-1.123	17.204	-1.172	17.218	-1.192	20.211	0.248	20.225	0.314	20.234	0.228	20.244	0.242
17.234	-1.269	17.239	-1.269	17.255	-1.339	17.268	-1.352	20.259	0.278	20.271	0.314	20.283	0.335	20.294	0.364
17.285	-1.352	17.298	-1.323	17.309	-1.244	17.321	-1.172	20.305	0.386	20.317	0.407	20.326	0.443	20.336	0.472
17.333	-1.115	17.349	-1.022	17.360	-0.944	17.373	-0.886	20.349	0.389	20.365	0.593	20.379	0.636	20.391	0.672
17.384	-0.829	17.398	-0.765	17.406	-0.729	17.423	-0.629	20.406	0.722	20.419	0.743	20.433	0.765	20.444	0.751
17.435	-0.536	17.455	-0.400	17.469	-0.300	17.482	-0.207	20.458	0.737	20.475	0.695	20.491	0.660	20.510	0.625
17.500	-0.122	17.515	-0.050	17.531	0.001	17.546	0.051	20.527	0.576	20.545	0.520	20.566	0.470	20.584	0.435
17.556	0.051	17.570	0.044	17.582	0.072	17.594	0.108	20.597	0.400	20.602	0.400	20.613	0.407	20.624	0.350
17.607	0.115	17.619	0.130	17.635	0.209	17.648	0.237	20.640	0.351	20.651	0.365	20.667	0.358	20.683	0.372
17.656	0.187	17.667	0.180	17.683	0.252	17.699	0.252	20.699	0.379	20.713	0.401	20.731	0.429	20.742	0.465
17.710	0.252	17.723	0.280	17.737	0.252	17.747	0.252	20.756	0.465	20.771	0.479	20.789	0.501	20.803	0.529
17.766	0.274	17.786	0.281	17.803	0.281	17.821	0.281	20.819	0.551	20.831	0.565	20.847	0.586	20.861	0.608
17.833	0.309	17.846	0.359	17.859	0.394	17.875	0.422	20.876	0.615	20.889	0.601	20.905	0.573	20.921	0.552
17.887	0.479	17.902	0.543	17.914	0.628	17.925	0.684	20.939	0.531	20.952	0.502	20.967	0.489	20.982	0.475
17.941	0.734	17.956	0.762	17.971	0.776	17.985	0.776	20.998	0.432	21.013	0.419	21.029	0.405	21.048	0.391
17.995	0.748	18.009	0.684	18.022	0.627	18.037	0.563	21.064	0.370	21.079	0.349	21.090	0.328	21.099	0.285
18.050	0.521	18.066	0.492	18.081	0.456	18.095	0.456	21.112	0.250	21.123	0.194	21.138	0.137	21.156	0.074
18.110	0.463	18.120	0.449	18.128	0.442	18.142	0.477	21.172	0.181	21.183	-0.047	21.194	-0.096	21.208	-0.138
18.152	0.451	18.167	0.491	18.179	0.491	18.192	0.512	21.220	-0.181	21.234	-0.223	21.247	-0.237	21.259	-0.251
18.204	0.533	18.221	0.561	18.236	0.589	18.252	0.631	21.272	-0.258	21.285	-0.265	21.292	-0.265	21.306	-0.230
18.264	0.666	18.280	0.716	18.299	0.793	18.310	0.864	21.319	-0.286	21.335	-0.279	21.342	-0.237	21.351	-0.229
18.322	0.963	18.334	1.048	18.345	1.125	18.357	1.182	21.361	-0.272	21.374	-0.279	21.388	-0.314	21.402	-0.343
18.368	1.233	18.382	1.310	18.394	1.352	18.407	1.366	21.410	-0.357	21.419	-0.364	21.430	-0.392	21.442	-0.414
18.419	1.366	18.438	1.352	18.453	1.324	18.468	1.274	21.455	-0.421	21.465	-0.414	21.480	-0.414	21.494	-0.414
18.487	1.210	18.501	1.140	18.513	1.104	18.526	1.012	21.507	-0.400	21.522	-0.385	21.536	-0.364	21.549	-0.357
18.537	0.955	18.549	0.885	18.561	0.786	18.576	0.708	21.559	-0.357	21.572	-0.357	21.587	-0.329	21.605	-0.300
18.591	0.602	18.608	0.510	18.625	0.433	18.642	0.362	21.621	-0.293	21.634	-0.286	21.644	-0.286	21.658	-0.300
18.661	0.306	18.678	0.242	18.694	0.186	18.706	0.122	21.670	-0.322	21.685	-0.350	21.700	-0.357	21.709	-0.357
18.719	0.066	18.732	-0.012	18.739	-0.033	18.753	-0.075	21.721	-0.357	21.737	-0.336	21.753	-0.307	21.769	-0.279
18.770	-0.132	18.784	-0.167	18.796	-0.138	18.806	-0.188	21.780	-0.251	21.793	-0.222	21.804	-0.201	21.817	-0.187
18.818	-0.181	18.831	-0.160	18.843	-0.138	18.858	-0.110	21.827	-0.159	21.840	-0.130	21.851	-0.116	21.869	-0.130
18.873	-0.081	18.887	-0.046	18.900	-0.017	18.913	-0.003	21.880	-0.144	21.892	-0.187	21.904	-0.229	21.917	-0.258
18.926	0.018	18.940	0.033	18.948	0.033	18.959	0.011	21.928	-0.322	21.943	-0.378	21.957	-0.414	21.969	-0.449
18.969	0.003	18.980	0.010	18.990	-0.032	19.001	-0.060	21.981	-0.485	21.993	-0.527	22.007	-0.556	22.021	-0.599
19.010	-0.088	19.025	-0.145	19.036	-0.181	19.047	-0.202	22.036	-0.648	22.049	-0.691	22.065	-0.748	22.076	-0.783
19.058	-0.245	19.070	-0.259	19.089	-0.273	19.104	-0.309	22.089	-0.805	22.098	-0.819	22.110	-0.826	22.122	-0.812
19.119	-0.330	19.136	-0.373	19.149	-0.387	19.159	-0.409	22.133	-0.777	22.146	-0.741	22.171	-0.678	22.193	-0.635
19.177	-0.473	19.191	-0.494	19.211	-0.544	19.227	-0.586	22.210	-0.586	22.229	-0.544	22.244	-0.501	22.263	-0.445
19.242	-0.609	19.258	-0.651	19.273	-0.687	19.291	-0.716	22.274	-0.409	22.288	-0.360	22.300	-0.325	22.312	-0.282
19.302	-0.737	19.316	-0.737	19.329	-0.738	19.348	-0.724	22.325	-0.233	22.338	-0.198	22.349	-0.162	22.359	-0.134
19.353	-0.688	19.364	-0.632	19.374	-0.556	19.388	-0.547	22.372	-0.106	22.386	-0.063	22.400	-0.028	22.415	0.001
19.400	-0.512	19.412	-0.483	19.421	-0.462	19.432	-0.427	22.431	0.015	22.441	0.043	22.458	0.065	22.471	0.079
19.442	-0.413	19.454	-0.413	19.465	-0.420	19.475	-0.434	22.484	0.093	22.501	0.114	22.515	0.142	22.524	0.185
19.487	-0.463	19.502	-0.520	19.523	-0.605	19.535	-0.676	22.536	0.213	22.552	0.263	22.566	0.312	22.578	0.354
19.550	-0.768	19.563	-0.811	19.575	-0.874	19.591	-0.945	22.590	0.383	22.603	0.425	22.617	0.453	22.628	0.467
19.606	-1.031	19.615	-1.073	19.628	-1.102	19.640	-1.102	22.637	0.467	22.647	0.460	22.658	0.431	22.673	0.402
19.650	-1.116	19.659	-1.132	19.674	-1.104	19.688	-0.968	22.687	0.367	22.699	0.324	22.714	0.281	22.726	0.253
19.702	-0.890	19.718	-0.805	19.732	-0.727	19.747	-0.678	22.737	0.231	22.748	0.217	22.762	0.202	22.778	0.188

22.791	0.180	22.804	0.166	22.809	0.165	22.820	0.201	25.954	0.242	25.965	0.234	25.982	0.226	25.995	0.225
22.835	0.165	22.838	0.165	22.853	0.200	22.866	0.214	26.007	0.211	26.021	0.210	26.037	0.188	26.061	0.165
22.884	0.213	22.902	0.220	22.915	0.219	22.926	0.247	26.077	0.143	26.096	0.114	26.119	0.105	26.140	0.104
22.939	0.261	22.952	0.275	22.967	0.282	22.981	0.289	26.161	0.396	26.181	0.096	26.205	0.094	26.225	0.079
22.995	0.289	23.006	0.281	23.019	0.267	23.037	0.267	26.248	0.057	26.271	0.028	26.294	0.005	26.313	0.038
23.044	0.281	23.058	0.302	23.074	0.315	23.092	0.329	26.329	0.074	26.347	0.117	26.365	0.146	26.381	0.160
23.108	0.336	23.124	0.350	23.142	0.350	23.155	0.349	26.393	0.175	26.401	0.175	26.409	0.175	26.426	0.161
23.168	0.342	23.183	0.349	23.199	0.355	23.211	0.362	26.440	0.141	26.455	0.120	26.471	0.099	26.488	0.092
23.226	0.376	23.242	0.375	23.257	0.375	23.271	0.389	26.500	0.078	26.519	0.072	26.529	0.072	26.547	0.058
23.285	0.402	23.303	0.430	23.315	0.444	23.327	0.465	26.562	0.058	26.576	0.066	26.594	0.066	26.605	0.066
23.341	0.479	23.354	0.485	23.366	0.485	23.380	0.477	26.617	0.074	26.629	0.081	26.643	0.095	26.653	0.110
23.394	0.449	23.411	0.420	23.433	0.355	23.440	0.341	26.664	0.110	26.683	0.103	26.694	0.096	26.706	0.068
23.450	0.362	23.463	0.255	23.475	0.247	23.488	0.247	26.723	0.047	26.735	0.040	26.748	0.020	26.761	0.020
23.499	0.247	23.512	0.211	23.525	0.217	23.540	0.253	26.771	0.020	26.786	0.035	26.802	0.050	26.817	0.058
23.552	0.139	23.568	0.138	23.581	0.131	23.596	0.109	26.830	0.065	26.840	0.065	26.854	0.073	26.867	0.081
23.614	0.095	23.627	0.081	23.634	0.073	23.646	0.054	26.885	0.088	26.900	0.103	26.916	0.118	26.935	0.133
23.666	0.094	23.676	0.080	23.690	0.079	23.712	0.051	27.004	0.172	27.011	0.180	27.028	0.188	27.039	0.181
23.726	0.022	23.741	0.036	23.754	0.049	23.766	0.070	27.050	0.175	27.068	0.169	27.081	0.163	27.091	0.163
23.783	0.091	23.793	0.112	23.809	0.133	23.824	0.140	27.106	0.171	27.122	0.179	27.136	0.180	27.149	0.180
23.840	0.147	23.855	0.161	23.865	0.175	23.878	0.203	27.165	0.181	27.186	0.197	27.204	0.212	27.221	0.213
23.891	0.232	23.934	0.246	23.916	0.274	23.930	0.274	27.238	0.206	27.256	0.200	27.277	0.187	27.289	0.181
23.945	0.274	23.954	0.252	23.968	0.210	23.986	0.264	27.307	0.182	27.323	0.168	27.337	0.155	27.351	0.127
24.001	0.110	24.019	0.060	24.035	0.038	24.052	0.018	27.367	0.100	27.381	0.072	27.399	0.052	27.417	0.032
24.065	0.039	24.079	0.053	24.091	0.061	24.104	0.068	27.429	0.018	27.435	0.010	27.451	0.023	27.464	0.037
24.120	0.054	24.137	0.040	24.148	0.011	24.157	0.010	27.478	0.050	27.496	0.064	27.507	0.077	27.525	0.076
24.170	0.038	24.176	0.052	24.187	0.031	24.199	0.095	27.540	0.076	27.551	0.075	27.569	0.089	27.580	0.095
24.211	0.109	24.222	0.123	24.234	0.152	24.252	0.180	27.599	0.101	27.617	0.115	27.628	0.114	27.641	0.142
24.262	0.208	24.275	0.264	24.289	0.300	24.303	0.320	27.656	0.156	27.669	0.155	27.685	0.154	27.704	0.139
24.316	0.341	24.326	0.355	24.336	0.376	24.347	0.383	27.719	0.118	27.731	0.103	27.745	0.088	27.766	0.071
24.363	0.382	24.379	0.367	24.394	0.345	24.404	0.345	27.783	0.065	27.801	0.043	27.814	0.035	27.828	0.035
24.413	0.344	24.425	0.351	24.436	0.358	24.450	0.372	27.841	0.027	27.853	0.005	27.871	0.002	27.884	0.017
24.467	0.393	24.479	0.400	24.489	0.407	24.494	0.414	27.902	0.025	27.918	0.019	27.939	0.013	27.951	0.007
24.506	0.414	24.521	0.422	24.535	0.429	24.547	0.429	27.970	0.001	27.987	0.002	28.005	0.004	28.024	0.004
24.559	0.422	24.571	0.423	24.586	0.430	24.597	0.416	28.042	0.005	28.061	0.006	28.079	0.015	28.096	0.016
24.612	0.402	24.625	0.374	24.638	0.346	24.652	0.325	28.116	0.010	28.133	0.011	28.145	0.012	28.159	0.001
24.669	0.311	24.682	0.305	24.692	0.277	24.709	0.234	28.175	0.000	28.190	0.014	28.204	0.020	28.221	0.019
24.718	0.220	24.731	0.192	24.746	0.179	24.755	0.165	28.235	0.025	28.248	0.031	28.260	0.038	28.274	0.044
24.770	0.151	24.788	0.144	24.803	0.138	24.814	0.124	28.289	0.043	28.302	0.042	28.314	0.048	28.330	0.055
24.831	0.124	24.846	0.096	24.860	0.057	24.872	0.090	28.340	0.062	28.349	0.068	28.362	0.075	28.380	0.081
24.885	0.083	24.892	0.076	24.904	0.098	24.917	0.098	28.393	0.102	28.411	0.129	28.428	0.157	28.446	0.177
24.933	0.056	24.950	0.028	24.967	0.015	24.978	0.006	28.460	0.198	28.470	0.212	28.484	0.233	28.498	0.260
24.996	0.041	25.008	0.062	25.023	0.096	25.035	0.110	28.568	0.267	28.571	0.281	28.586	0.280	28.594	0.280
25.038	0.117	25.052	0.131	25.068	0.130	25.082	0.151	28.558	0.293	28.573	0.279	28.586	0.278	28.597	0.271
25.098	0.158	25.115	0.171	25.131	0.171	25.145	0.157	28.608	0.270	28.623	0.270	28.630	0.284	28.645	0.297
25.164	0.184	25.177	0.176	25.199	0.154	25.217	0.139	28.659	0.304	28.668	0.304	28.676	0.303	28.687	0.289
25.238	0.131	25.254	0.117	25.270	0.102	25.284	0.087	28.701	0.274	28.715	0.252	28.725	0.231	28.739	0.195
25.303	0.065	25.313	0.044	25.327	0.015	25.344	0.022	28.754	0.159	28.768	0.137	28.783	0.122	28.796	0.100
25.365	0.051	25.384	0.080	25.399	0.109	25.415	0.138	28.809	0.092	28.819	0.092	28.832	0.084	28.846	0.083
25.429	0.146	25.443	0.146	25.465	0.133	25.479	0.112	28.859	0.076	28.868	0.068	28.878	0.054	28.892	0.046
25.502	0.085	25.520	0.050	25.539	0.016	25.561	0.019	28.908	0.038	28.922	0.023	28.940	0.008	28.957	0.007
25.581	0.053	25.599	0.088	25.614	0.123	25.630	0.157	28.968	0.007	28.983	0.008	28.994	0.016	29.007	0.031
25.648	0.199	25.666	0.241	25.682	0.275	25.698	0.303	29.021	0.053	29.035	0.082	29.048	0.097	29.062	0.126
25.714	0.331	25.730	0.365	25.747	0.393	25.763	0.414	29.076	0.141	29.090	0.156	29.100	0.163	29.110	0.164
25.778	0.434	25.790	0.462	25.804	0.461	25.818	0.482	29.119	0.171	29.131	0.172	29.144	0.165	29.155	0.165
25.832	0.495	25.842	0.502	25.854	0.494	25.870	0.465	29.169	0.152	29.184	0.152	29.199	0.139	29.211	0.125
25.888	0.429	25.904	0.393	25.921	0.343	25.937	0.285								

29.224	-0.111	29.238	-0.105	29.251	-0.058	29.261	-0.051	31.927	-0.026	31.941	-0.033	31.954	-0.040	31.968	-0.055
29.274	-0.092	29.283	-0.092	29.294	-0.107	29.307	-0.114	31.980	-0.069	31.989	-0.083	31.997	-0.090	32.004	-0.097
29.319	-0.129	29.335	-0.136	29.349	-0.143	29.364	-0.151	32.013	-0.112	32.022	-0.126	32.031	-0.126	32.041	-0.133
29.376	-0.151	29.387	-0.144	29.403	-0.137	29.418	-0.123	32.050	-0.133	32.061	-0.141	32.072	-0.141	32.084	-0.134
29.435	-0.117	29.453	-0.096	29.469	-0.096	29.484	-0.096	32.095	-0.134	32.106	-0.134	32.118	-0.134	32.129	-0.133
29.499	-0.104	29.512	-0.111	29.532	-0.119	29.541	-0.119	32.144	-0.133	32.156	-0.133	32.166	-0.133	32.178	-0.147
29.550	-0.119	29.560	-0.126	29.572	-0.113	29.585	-0.141	32.192	-0.147	32.214	-0.146	32.224	-0.146	32.242	-0.139
29.599	-0.142	29.615	-0.123	29.624	-0.128	29.639	-0.136	32.260	-0.145	32.275	-0.145	32.291	-0.159	32.311	-0.173
29.652	-0.157	29.665	-0.165	29.676	-0.165	29.688	-0.158	32.332	-0.186	32.349	-0.200	32.366	-0.214	32.379	-0.227
29.695	-0.158	29.705	-0.159	29.716	-0.155	29.728	-0.166	32.435	-0.241	32.453	-0.262	32.478	-0.283	32.499	-0.296
29.742	-0.167	29.755	-0.188	29.771	-0.196	29.784	-0.217	32.442	-0.303	32.453	-0.324	32.462	-0.316	32.473	-0.316
29.793	-0.217	29.807	-0.232	29.817	-0.246	29.828	-0.261	32.485	-0.309	32.503	-0.287	32.513	-0.265	32.522	-0.251
29.842	-0.268	29.853	-0.269	29.864	-0.276	29.877	-0.283	32.537	-0.236	32.550	-0.222	32.561	-0.208	32.574	-0.207
29.889	-0.298	29.904	-0.320	29.913	-0.334	29.929	-0.348	32.586	-0.200	32.600	-0.193	32.612	-0.185	32.617	-0.185
29.940	-0.356	29.950	-0.370	29.959	-0.370	29.968	-0.356	32.628	-0.185	32.643	-0.178	32.652	-0.170	32.663	-0.156
29.981	-0.335	29.994	-0.303	30.007	-0.272	30.018	-0.244	32.679	-0.142	32.687	-0.134	32.698	-0.120	32.710	-0.106
30.030	-0.209	30.043	-0.188	30.057	-0.167	30.072	-0.146	32.718	-0.091	32.729	-0.077	32.740	-0.056	32.753	-0.042
30.085	-0.146	30.099	-0.132	30.111	-0.104	30.122	-0.090	32.763	-0.313	32.775	-0.301	32.787	-0.322	32.798	-0.343
30.138	-0.083	30.149	-0.069	30.161	-0.048	30.172	-0.020	32.808	-0.057	32.816	-0.072	32.828	-0.086	32.838	-0.100
30.182	-0.001	30.196	-0.029	30.208	-0.043	30.222	-0.057	32.850	-0.107	32.857	-0.114	32.867	-0.121	32.877	-0.128
30.230	-0.071	30.242	-0.092	30.256	-0.113	30.267	-0.120	32.888	-0.135	32.896	-0.135	32.907	-0.142	32.916	-0.135
30.275	-0.127	30.283	-0.120	30.290	-0.106	30.296	-0.106	32.927	-0.135	32.937	-0.121	32.945	-0.121	32.957	-0.114
30.307	-0.120	30.314	-0.098	30.323	-0.070	30.337	-0.069	32.964	-0.107	32.971	-0.114	32.983	-0.121	32.995	-0.135
30.348	-0.062	30.356	-0.041	30.367	-0.033	30.375	-0.026	33.007	-0.135	33.017	-0.142	33.025	-0.142	33.039	-0.135
30.382	-0.026	30.390	-0.026	30.395	-0.012	30.403	-0.012	33.050	-0.135	33.060	-0.128	33.069	-0.121	33.081	-0.107
30.412	-0.019	30.419	-0.025	30.428	-0.032	30.438	-0.039	33.095	-0.093	33.107	-0.079	33.120	-0.072	33.134	-0.050
30.451	-0.039	30.462	-0.053	30.475	-0.053	30.485	-0.053	33.146	-0.036	33.158	-0.029	33.168	-0.029	33.177	-0.015
30.497	-0.052	30.508	-0.045	30.521	-0.045	30.527	-0.045	33.189	-0.008	33.200	-0.008	33.211	-0.008	33.221	-0.029
30.541	-0.044	30.552	-0.051	30.563	-0.058	30.574	-0.057	33.244	-0.043	33.259	-0.065	33.275	-0.086	33.291	-0.093
30.585	-0.064	30.596	-0.064	30.606	-0.063	30.618	-0.077	33.302	-0.142	33.316	-0.128	33.326	-0.135	33.335	-0.135
30.631	-0.091	30.644	-0.104	30.660	-0.118	30.672	-0.132	33.348	-0.142	33.356	-0.135	33.369	-0.128	33.381	-0.121
30.681	-0.131	30.695	-0.159	30.709	-0.187	30.723	-0.207	33.393	-0.142	33.405	-0.093	33.420	-0.079	33.427	-0.079
30.738	-0.242	30.751	-0.256	30.759	-0.262	30.764	-0.269	33.437	-0.072	33.451	-0.065	33.460	-0.065	33.472	-0.057
30.777	-0.283	30.787	-0.289	30.798	-0.289	30.807	-0.281	33.479	-0.057	33.492	-0.057	33.509	-0.057	33.528	-0.050
30.817	-0.274	30.828	-0.266	30.838	-0.245	30.851	-0.223	33.538	-0.057	33.551	-0.057	33.563	-0.057	33.573	-0.057
30.863	-0.194	30.878	-0.172	30.893	-0.164	30.902	-0.157	33.583	-0.049	33.598	-0.056	33.610	-0.049	33.622	-0.048
30.913	-0.156	30.925	-0.156	30.939	-0.177	30.952	-0.183	33.639	-0.062	33.651	-0.062	33.667	-0.041	33.671	-0.048
30.966	-0.211	30.979	-0.239	30.996	-0.253	31.014	-0.266	33.686	-0.062	33.707	-0.040	33.730	-0.068	33.748	-0.032
31.029	-0.280	31.043	-0.308	31.056	-0.329	31.070	-0.343	33.770	-0.060	33.781	-0.059	33.797	-0.052	33.811	-0.044
31.084	-0.384	31.099	-0.398	31.113	-0.397	31.128	-0.390	33.825	-0.037	33.840	-0.043	33.850	-0.043	33.863	-0.036
31.145	-0.368	31.158	-0.339	31.171	-0.317	31.184	-0.288	33.875	-0.035	33.888	-0.035	33.901	-0.021	33.916	-0.013
31.199	-0.266	31.219	-0.237	31.232	-0.215	31.244	-0.186	33.927	-0.006	33.941	-0.016	33.953	-0.030	33.964	-0.044
31.259	-0.143	31.275	-0.114	31.291	-0.099	31.303	-0.063	33.975	-0.066	33.990	-0.095	34.002	-0.102	34.015	-0.130
31.316	-0.035	31.331	-0.020	31.347	-0.005	31.362	-0.010	34.028	-0.145	34.039	-0.152	34.051	-0.166	34.064	-0.181
31.375	-0.017	31.386	-0.012	31.400	-0.019	31.416	-0.068	34.080	-0.188	34.090	-0.210	34.102	-0.217	34.114	-0.224
31.433	-0.073	31.447	-0.083	31.457	-0.084	31.464	-0.077	34.124	-0.231	34.135	-0.246	34.149	-0.253	34.158	-0.260
31.477	-0.063	31.488	-0.056	31.501	-0.029	31.512	-0.015	34.173	-0.268	34.179	-0.275	34.185	-0.268	34.195	-0.261
31.524	-0.001	31.535	-0.013	31.546	-0.020	31.558	-0.027	34.206	-0.247	34.220	-0.233	34.230	-0.205	34.240	-0.184
31.567	-0.034	31.578	-0.034	31.586	-0.034	31.599	-0.034	34.261	-0.163	34.261	-0.135	34.271	-0.114	34.282	-0.100
31.614	-0.048	31.628	-0.062	31.641	-0.069	31.653	-0.083	34.296	-0.086	34.310	-0.065	34.323	-0.051	34.333	-0.044
31.666	-0.083	31.678	-0.097	31.692	-0.097	31.707	-0.057	34.344	-0.044	34.357	-0.044	34.368	-0.037	34.384	-0.037
31.711	-0.075	31.724	-0.068	31.736	-0.061	31.747	-0.054	34.400	-0.037	34.414	-0.044	34.430	-0.052	34.446	-0.059
31.760	-0.034	31.772	-0.039	31.782	-0.039	31.796	-0.025	34.459	-0.087	34.473	-0.087	34.487	-0.095	34.503	-0.088
31.808	-0.025	31.818	-0.018	31.827	-0.010	31.834	-0.003	34.516	-0.081	34.528	-0.081	34.543	-0.074	34.559	-0.074
31.845	-0.004	31.856	-0.018	31.863	-0.004	31.876	-0.003	34.575	-0.067	34.587	-0.053	34.604	-0.074	34.618	-0.025
31.884	-0.003	31.894	-0.019	31.904	-0.012	31.913	-0.019	34.630	-0.010	34.645	-0.017	34.661	-0.060	34.671	-0.081

34.685	0.095	34.703	0.102	34.716	0.102	34.725	0.087	37.457	0.037	37.474	0.058	37.484	0.065	37.502	0.079
34.745	0.065	34.762	0.030	34.778	0.008	34.791	-0.007	37.515	0.093	37.529	0.099	37.541	0.106	37.553	0.113
34.800	-0.014	34.811	-0.021	34.825	-0.008	34.836	0.006	37.566	0.119	37.576	0.126	37.588	0.133	37.599	0.146
34.848	0.020	34.860	0.027	34.866	0.034	34.876	0.041	37.614	0.167	37.625	0.181	37.638	0.202	37.647	0.230
34.887	0.055	34.898	0.061	34.907	0.054	34.916	0.040	37.662	0.244	37.675	0.271	37.688	0.285	37.701	0.299
34.929	0.032	34.936	0.032	34.947	0.032	34.958	0.039	37.711	0.306	37.718	0.305	37.732	0.305	37.750	0.269
34.972	0.052	34.983	0.059	34.994	0.059	35.003	0.066	37.768	0.233	37.786	0.197	37.805	0.175	37.824	0.168
35.015	0.072	35.027	0.072	35.038	0.072	35.052	0.057	37.835	0.146	37.849	0.139	37.862	0.117	37.878	0.117
35.062	0.050	35.072	0.043	35.082	0.035	35.096	0.021	37.887	0.124	37.902	0.123	37.914	0.130	37.931	0.151
35.107	0.020	35.119	0.020	35.132	-0.001	35.147	-0.009	37.946	0.165	37.963	0.178	37.979	0.185	37.992	0.192
35.154	-0.023	35.162	-0.016	35.172	-0.009	35.182	0.019	38.009	0.170	38.027	0.155	38.047	0.141	38.068	0.119
35.192	0.019	35.204	0.026	35.216	0.033	35.228	0.032	38.089	0.090	38.110	0.068	38.124	0.040	38.139	0.004
35.240	0.053	35.252	0.074	35.262	0.103	35.275	0.109	38.160	-0.033	38.178	-0.062	38.192	-0.083	38.207	-0.112
35.290	0.123	35.303	0.144	35.313	0.158	35.323	0.194	38.220	-0.127	38.232	-0.134	38.245	-0.142	38.258	-0.149
35.337	0.215	35.353	0.229	35.360	0.229	35.374	0.236	38.272	-0.150	38.283	-0.150	38.297	-0.158	38.311	-0.158
35.382	0.250	35.399	0.264	35.409	0.271	35.422	0.271	38.320	-0.159	38.331	-0.145	38.350	-0.139	38.365	-0.118
35.437	0.278	35.449	0.299	35.462	0.313	35.475	0.320	38.382	-0.090	38.398	-0.084	38.414	-0.063	38.431	-0.042
35.488	0.320	35.506	0.313	35.518	0.298	35.532	0.270	38.449	-0.015	38.467	-0.008	38.478	0.006	38.490	0.026
35.544	0.249	35.558	0.242	35.566	0.242	35.575	0.235	38.501	0.033	38.519	0.025	38.530	0.018	38.542	0.003
35.588	0.228	35.632	0.214	35.613	0.207	35.623	0.200	38.554	-0.026	38.564	-0.040	38.575	-0.048	38.588	-0.062
35.635	0.200	35.646	0.193	35.659	0.172	35.677	0.144	38.599	-0.077	38.611	-0.077	38.623	-0.085	38.643	-0.093
35.690	0.116	35.700	0.102	35.716	0.081	35.726	0.059	39.652	-0.100	38.664	-0.107	38.676	-0.108	38.689	-0.122
35.740	0.031	35.761	-0.004	35.771	-0.026	35.787	-0.040	38.703	-0.144	38.717	-0.152	38.730	-0.159	38.742	-0.167
35.803	-0.061	35.814	-0.082	35.836	-0.104	35.849	-0.118	38.753	-0.174	38.764	-0.182	38.776	-0.189	38.789	-0.190
35.852	-0.125	35.866	-0.139	35.878	-0.153	35.888	-0.174	38.799	-0.190	38.815	-0.177	38.828	-0.177	38.841	-0.163
35.903	-0.189	35.913	-0.189	35.922	-0.175	35.932	-0.161	38.853	-0.157	38.863	-0.136	38.883	-0.122	38.896	-0.116
35.949	-0.147	35.962	-0.126	35.976	-0.112	35.995	-0.091	38.915	-0.102	38.923	-0.132	38.939	-0.103	38.954	-0.124
36.004	-0.077	36.020	-0.063	36.034	-0.056	36.047	-0.049	38.967	-0.139	38.988	-0.139	39.003	-0.154	39.018	-0.154
36.062	-0.043	36.074	-0.036	36.087	-0.043	36.103	-0.043	39.037	-0.141	39.058	-0.127	39.068	-0.120	39.084	-0.099
36.118	-0.051	36.127	-0.065	36.140	-0.072	36.152	-0.080	39.100	-0.140	39.118	-0.137	39.132	-0.108	39.146	-0.108
36.164	-0.073	36.177	-0.059	36.193	-0.045	36.204	-0.045	39.160	-0.101	39.177	-0.101	39.192	-0.094	39.206	-0.095
36.230	-0.038	36.230	-0.032	36.241	-0.038	36.253	-0.031	39.222	-0.088	39.238	-0.081	39.251	-0.074	39.266	-0.067
36.268	0.010	36.275	0.010	36.287	0.010	36.299	0.010	39.283	-0.061	39.294	-0.054	39.309	-0.047	39.322	-0.033
36.311	0.009	36.326	0.009	36.343	-0.006	36.360	-0.020	39.337	-0.026	39.352	-0.020	39.367	0.001	39.383	0.014
36.368	-0.034	36.380	-0.056	36.395	-0.070	36.404	-0.078	39.399	0.021	39.406	0.014	39.420	0.006	39.438	0.041
36.415	-0.092	36.425	-0.099	36.438	-0.107	36.451	-0.114	39.454	0.040	39.471	0.040	39.493	0.046	39.512	0.059
36.466	-0.115	36.476	-0.115	36.493	-0.122	36.505	-0.122	39.530	0.059	39.547	0.065	39.565	0.071	39.582	0.077
36.517	-0.122	36.531	-0.130	36.551	-0.137	36.564	-0.137	39.597	0.070	39.608	0.062	39.623	0.054	39.638	0.047
36.574	-0.137	36.633	-0.137	36.605	-0.137	36.619	-0.137	39.653	0.032	39.667	0.024	39.682	0.009	39.695	0.009
36.633	-0.137	36.645	-0.137	36.655	-0.137	36.664	-0.137	39.710	0.001	39.724	0.000	39.741	-0.000	39.752	0.007
36.672	-0.144	36.680	-0.144	36.692	-0.166	36.706	-0.173	39.765	-0.008	39.779	-0.015	39.794	-0.016	39.807	-0.016
36.720	-0.187	36.734	-0.195	36.749	-0.216	36.762	-0.238	39.825	-0.016	39.843	-0.003	39.857	0.011	39.874	0.025
36.774	-0.259	36.785	-0.274	36.799	-0.267	36.807	-0.274	39.889	0.031	39.909	0.045	39.926	0.066	39.943	0.087
36.820	-0.267	36.831	-0.260	36.844	-0.253	36.856	-0.232	39.957	0.101	39.971	0.121	39.985	0.142	39.993	0.156
36.869	-0.218	36.882	-0.197	36.891	-0.176	36.903	-0.155	40.008	0.177	40.019	0.184	40.030	0.198	40.043	0.212
36.914	-0.141	36.926	-0.114	36.935	-0.100	36.948	-0.086	40.057	0.211	40.068	0.204	40.082	0.189	40.095	0.189
36.959	-0.065	36.971	-0.051	36.984	-0.038	36.994	-0.024	40.106	0.182	40.120	0.174	40.132	0.167	40.141	0.159
37.009	-0.003	37.024	0.010	37.038	0.024	37.051	0.038	40.153	0.159	40.166	0.158	40.178	0.172	40.192	0.159
37.066	0.052	37.078	0.058	37.093	0.072	37.107	0.079	40.203	0.150	40.217	0.157	40.232	0.169	40.247	0.134
37.121	0.092	37.134	0.106	37.145	0.106	37.155	0.106	40.259	0.120	40.274	0.105	40.286	0.098	40.300	0.097
37.169	0.106	37.178	0.098	37.190	0.084	37.203	0.077	40.318	0.104	40.336	0.103	40.344	0.103	40.358	0.095
37.215	0.070	37.227	0.062	37.239	0.055	37.250	0.048	40.373	0.095	40.386	0.101	40.402	0.101	40.414	0.100
37.261	0.040	37.272	0.040	37.284	0.033	37.294	0.026	40.430	0.085	40.445	0.078	40.455	0.070	40.468	0.063
37.306	0.018	37.316	0.011	37.324	0.004	37.336	-0.010	40.483	0.062	40.496	0.048	40.506	0.040	40.517	0.033
37.344	-0.018	37.355	-0.025	37.365	-0.039	37.383	-0.040	40.528	0.025	40.542	0.018	40.553	0.010	40.568	0.003
37.403	-0.033	37.410	-0.019	37.426	-0.005	37.442	0.023	40.584	-0.005	40.586	-0.005	40.597	-0.005	40.609	-0.006

40.624	0.008	40.638	0.021	40.653	0.028	40.672	0.034
40.688	0.041	40.709	0.040	40.723	0.033	40.741	0.025
40.755	0.017	40.777	-0.005	40.791	-0.012	40.807	-0.020
40.823	-0.035	40.835	-0.042	40.849	-0.050	40.864	-0.064
40.877	-0.072	40.885	-0.086	40.898	-0.094	40.908	-0.101
40.921	-0.102	40.928	-0.109	40.937	-0.110	40.945	-0.117
40.956	-0.124	40.967	-0.132	40.975	-0.132	40.984	-0.132
40.997	-0.133	41.010	-0.133	41.025	-0.134	41.034	-0.127
41.043	-0.135	41.053	-0.135	41.067	-0.128	41.083	-0.122
41.098	-0.122	41.112	-0.116	41.128	-0.109	41.146	-0.096
41.162	-0.083	41.175	-0.069	41.187	-0.055	41.201	-0.049
41.218	-0.028	41.234	-0.022	41.243	-0.022	41.253	-0.030
41.268	-0.045	41.280	-0.053	41.293	-0.060	41.305	-0.075
41.314	-0.082	41.326	-0.090	41.336	-0.091	41.347	-0.091
41.359	-0.092	41.369	-0.092	41.379	-0.093	41.388	-0.093
41.398	-0.094	41.413	-0.088	41.423	-0.081	41.436	-0.075
41.446	-0.068	41.458	-0.069	41.469	-0.055	41.484	-0.056
41.495	-0.043	41.508	-0.036	41.521	-0.044	41.533	-0.037
41.554	-0.024	41.566	-0.025	41.582	-0.018	41.594	-0.012
41.606	-0.019	41.619	-0.020	41.632	-0.028	41.649	-0.021
41.665	-0.022	41.676	-0.022	41.684	-0.016	41.711	-0.010
41.724	-0.010	41.737	-0.011	41.750	0.003	41.760	-0.012
41.771	-0.012	41.782	-0.013	41.795	-0.028	41.808	-0.028
41.819	-0.043	41.828	-0.050	41.841	-0.051	41.850	-0.051
41.860	-0.052	41.872	-0.059	41.884	-0.060	41.893	-0.060
41.903	-0.068	41.916	-0.061	41.926	-0.062	41.936	-0.069
41.947	-0.063	41.960	-0.064	41.973	-0.057	41.986	-0.051
42.000	-0.052	42.008	-0.038	42.023	-0.032	42.033	-0.032
42.044	-0.018	42.058	-0.012	42.070	-0.006	42.086	-0.007
42.095	0.000	42.113	-0.001	42.124	-0.009	42.132	-0.009
42.143	-0.010	42.154	-0.003	42.170	-0.004	42.180	-0.004
42.188	0.002	42.201	0.009	42.215	0.022	42.228	0.036
42.242	0.049	42.256	0.063	42.269	0.076	42.283	0.090
42.292	0.096	42.308	0.096	42.316	0.102	42.327	0.102
42.338	0.102	42.346	0.101	42.357	0.087	42.368	0.079
42.377	0.072	42.387	0.071	42.394	0.071	42.406	0.071
42.418	0.070	42.429	0.084	42.443	0.083	42.454	0.090
42.465	0.104	42.477	0.110	42.488	0.124	42.497	0.124
42.509	0.123	42.522	0.130	42.534	0.122	42.545	0.114
42.556	0.092	42.565	0.077	42.578	0.069	42.590	0.054
42.599	0.046	42.611	0.024	42.623	0.016	42.636	0.015
42.646	-0.006	42.660	-0.013	42.670	-0.020	42.680	-0.020
42.689	-0.020	42.698	-0.028	42.704	-0.028	42.711	-0.020
42.716	-0.013	42.722	-0.013				

IR247

71.193 2/9/71 0600PST L.A. 6464 SUNSET BLVD. 12TH FL.

4710 POINTS 42.725 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, C/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.4732 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.353	0.010	-0.511	0.018	-0.595	0.025	-0.617	1.081	-0.523	1.091	-0.300	1.098	-0.125	1.103	0.024
0.029	-0.621	0.037	-0.604	0.045	-0.538	0.053	-0.524	1.109	0.107	1.116	0.212	1.126	0.383	1.139	0.510
0.059	-0.288	0.068	-0.135	0.074	0.036	0.082	0.246	1.147	0.606	1.154	0.663	1.159	0.667	1.165	0.641
0.089	0.422	0.095	0.584	0.102	0.733	0.109	0.851	1.170	0.584	1.177	0.496	1.181	0.404	1.187	0.285
0.114	0.926	0.120	0.956	0.123	0.939	0.129	0.939	1.194	0.158	1.201	0.022	1.208	-0.070	1.213	-0.145
0.132	0.877	0.137	0.785	0.140	0.658	0.145	0.535	1.225	-0.202	1.239	-0.241	1.244	-0.246	1.255	-0.272
0.150	0.342	0.155	0.149	0.161	-0.026	0.168	-0.211	1.262	0.277	1.271	-0.242	1.278	-0.128	1.288	0.025
0.173	-0.377	0.180	-0.561	0.185	-0.719	0.193	-0.820	1.298	0.339	1.304	0.231	1.313	0.271	1.315	0.275
0.196	-0.882	0.201	-0.908	0.207	-0.926	0.209	-0.930	1.322	0.249	1.331	0.150	1.338	0.117	1.350	0.051
0.217	-0.908	0.222	-0.843	0.231	-0.720	0.235	-0.593	1.355	0.003	1.363	-0.059	1.370	-0.094	1.373	-0.111
0.240	-0.409	0.249	-0.194	0.257	0.030	0.265	0.240	1.379	-0.120	1.388	-0.076	1.396	-0.023	1.404	0.016
0.268	0.766	0.305	0.774	0.311	0.744	0.320	0.643	1.409	0.019	1.420	0.034	1.431	0.042	1.438	0.034
0.298	0.533	0.333	0.406	0.340	0.261	0.347	0.116	1.476	-0.234	1.483	-0.273	1.493	-0.291	1.501	-0.304
0.354	-0.055	0.359	-0.195	0.366	-0.322	0.373	-0.406	1.509	-0.304	1.517	-0.273	1.524	-0.208	1.532	-0.102
0.382	-0.382	0.395	-0.538	0.404	-0.581	0.411	-0.599	1.541	0.086	1.549	0.279	1.556	0.406	1.561	0.476
0.420	-0.599	0.431	-0.533	0.438	-0.463	0.445	-0.354	1.569	0.537	1.578	0.559	1.584	0.563	1.593	0.550
0.453	-0.244	0.461	-0.104	0.468	0.014	0.476	0.163	1.601	0.506	1.606	0.453	1.613	0.378	1.619	0.277
0.485	0.326	0.494	0.527	0.501	0.667	0.511	0.799	1.628	0.168	1.634	0.032	1.640	-0.109	1.648	-0.267
0.519	0.891	0.526	0.935	0.531	0.939	0.539	0.917	1.654	-0.416	1.662	-0.539	1.667	-0.648	1.673	-0.675
0.545	0.847	0.552	0.746	0.557	0.619	0.563	0.457	1.678	-0.697	1.681	-0.701	1.690	-0.671	1.700	-0.548
0.570	0.237	0.576	0.036	0.582	-0.241	0.593	-0.526	1.707	-0.434	1.715	-0.312	1.721	-0.180	1.728	-0.049
0.599	-0.749	0.605	-0.920	0.612	-1.030	0.617	-1.113	1.733	0.074	1.739	0.214	1.747	0.398	1.753	0.534
0.622	-1.118	0.625	-1.131	0.634	-1.067	0.641	-0.951	1.779	0.626	1.782	0.661	1.786	0.599	1.792	0.516
0.647	-0.798	0.655	-0.592	0.659	-0.364	0.667	-0.123	1.779	0.692	1.782	0.661	1.786	0.599	1.792	0.516
0.675	0.157	0.683	0.447	0.689	0.613	0.696	0.727	1.796	0.441	1.802	0.341	1.810	0.227	1.815	0.148
0.700	0.766	0.708	0.797	0.716	0.788	0.725	0.714	1.822	0.055	1.829	-0.041	1.837	-0.103	1.842	-0.129
0.734	0.604	0.744	0.747	0.755	0.367	0.765	0.257	1.849	-0.147	1.858	-0.142	1.868	-0.134	1.879	-0.151
0.772	0.178	0.783	0.095	0.796	0.037	0.802	-0.020	1.889	-0.182	1.902	-0.217	1.915	-0.274	1.924	-0.323
0.810	-0.103	0.810	-0.204	0.826	-0.319	0.833	-0.472	1.931	-0.340	1.936	-0.345	1.942	-0.331	1.954	-0.270
0.837	-0.595	0.845	-0.709	0.853	-0.793	0.857	-0.850	1.965	-0.196	1.975	-0.134	1.987	-0.038	1.992	0.133
0.860	-0.867	0.864	-0.872	0.870	-0.859	0.878	-0.784	2.003	0.366	2.010	0.563	2.019	0.730	2.027	0.861
0.885	-0.609	0.889	-0.408	0.899	-0.219	0.903	0.079	2.032	0.931	2.039	0.953	2.047	0.962	2.067	0.922
0.913	0.166	0.918	0.376	0.925	0.578	0.932	0.740	2.053	0.830	2.058	0.690	2.065	0.541	2.072	0.322
0.937	0.889	0.942	0.968	0.947	1.051	0.951	1.082	2.079	0.107	2.084	-0.130	2.090	-0.349	2.097	-0.564
0.959	1.090	0.959	1.068	0.963	0.998	0.969	0.898	2.103	0.752	2.107	0.901	2.113	-0.103	2.117	-1.129
0.976	0.704	0.983	0.484	0.988	0.318	0.993	0.146	2.124	-1.274	2.127	-1.274	2.133	-1.283	2.138	-1.265
1.000	-0.086	1.006	-0.227	1.011	-0.363	1.018	-0.464	2.144	-1.138	2.151	-0.954	2.154	-0.734	2.159	-0.489
1.024	-0.583	1.033	-0.684	1.041	-0.772	1.048	-0.842	2.168	-0.173	2.173	0.129	2.180	0.432	2.188	0.739
1.052	-0.864	1.056	-0.869	1.061	-0.842	1.071	-0.767	2.200	0.980	2.200	1.112	2.208	1.221	2.211	1.265

2.215	1.283	2.219	1.270	2.225	1.208	2.229	1.055	3.422	-1.021	3.430	-1.170	3.433	-1.196	3.436	-1.196
2.233	0.980	2.237	0.853	2.241	0.669	2.245	0.489	3.441	-1.174	3.451	-0.933	3.457	-0.643	3.465	-0.336
2.249	0.314	2.254	0.112	2.258	0.120	2.263	-0.330	3.474	0.036	3.484	0.374	3.495	0.743	3.505	0.988
2.268	-0.519	2.272	-0.686	2.276	-0.835	2.280	-0.949	3.514	1.124	3.523	1.177	3.524	1.190	3.529	1.159
2.282	-1.023	2.284	-1.107	2.287	-1.102	2.292	-1.115	3.532	0.1063	3.538	0.932	3.542	0.783	3.546	0.638
2.297	-1.097	2.301	-1.031	2.307	-0.908	2.311	-0.755	3.553	0.436	3.557	0.165	3.563	-0.151	3.570	-0.480
2.317	-0.592	2.322	-0.417	2.326	-0.276	2.331	-0.101	3.577	-0.730	3.582	-0.971	3.588	-1.120	3.591	-1.212
2.334	0.017	2.342	0.176	2.346	0.268	2.352	0.366	3.595	-1.1247	3.598	-1.260	3.603	-1.229	3.610	-1.124
2.358	0.426	2.364	0.439	2.370	0.435	2.374	0.413	3.617	-0.944	3.623	-0.725	3.628	-0.457	3.635	-0.234
2.379	0.343	2.386	0.216	2.391	0.098	2.395	-0.039	3.643	0.056	3.648	0.284	3.657	0.512	3.666	0.740
2.402	-0.160	2.408	-0.278	2.413	-0.379	2.417	-0.427	3.672	0.872	3.677	0.907	3.679	0.911	3.685	0.881
2.421	-0.471	2.425	-0.493	2.429	-0.484	2.435	-0.431	3.692	0.732	3.698	0.578	3.706	0.429	3.711	0.307
2.441	-0.334	2.447	-0.185	2.452	-0.310	2.458	0.115	3.718	0.210	3.726	0.123	3.737	0.026	3.745	-0.022
2.463	0.381	2.470	0.561	2.475	0.706	2.480	0.798	3.752	-0.031	3.761	-0.009	3.777	0.071	3.787	0.088
2.485	0.817	2.490	0.851	2.495	0.825	2.499	0.772	3.796	0.066	3.808	-0.026	3.818	-0.175	3.828	-0.376
2.503	0.698	2.508	0.636	2.511	0.501	2.516	0.361	3.838	-0.534	3.847	-0.635	3.852	-0.661	3.857	-0.670
2.521	0.229	2.524	0.089	2.529	-0.042	2.533	-0.182	3.863	-0.643	3.873	-0.521	3.880	-0.371	3.889	-0.113
2.537	-0.305	2.541	-0.428	2.546	-0.550	2.550	-0.660	3.898	0.199	3.908	0.536	3.918	0.782	3.926	0.966
2.557	-0.752	2.561	-0.808	2.566	-0.839	2.574	-0.852	3.931	1.045	3.936	1.071	3.943	1.084	3.946	1.063
2.576	-0.852	2.581	-0.812	2.589	-0.707	2.596	-0.531	3.951	0.975	3.957	0.848	3.964	0.519	3.974	0.133
2.601	-0.369	2.607	-0.184	2.614	0.013	2.619	0.193	3.982	-0.213	3.991	-0.577	3.998	-0.954	4.005	-1.252
2.626	0.365	2.633	0.509	2.637	0.641	2.643	0.777	4.012	-1.449	4.015	-1.515	4.020	-1.541	4.023	-1.550
2.647	0.896	2.654	0.966	2.659	0.957	2.662	1.006	4.028	-1.502	4.033	-1.401	4.041	-1.129	4.051	-0.603
2.669	0.984	2.674	0.940	2.679	0.857	2.685	0.752	4.058	-1.103	4.066	0.291	4.073	0.598	4.078	0.839
2.689	0.598	2.692	0.458	2.695	0.318	2.701	0.173	4.084	1.023	4.089	1.194	4.097	1.348	4.102	1.396
2.705	0.020	2.707	-0.090	2.711	-0.204	2.716	-0.340	4.107	1.422	4.111	1.422	4.114	1.396	4.119	1.343
2.717	-0.471	2.720	-0.590	2.722	-0.704	2.726	-0.809	4.124	1.247	4.131	1.067	4.140	0.738	4.146	0.506
2.730	-0.888	2.732	-0.949	2.736	-0.957	2.739	-1.024	4.153	0.203	4.160	-0.082	4.167	-0.367	4.174	-0.621
2.744	-1.024	2.750	-0.989	2.758	-0.844	2.765	-0.633	4.179	-0.189	4.186	-0.958	4.191	-1.063	4.200	-1.125
2.774	-0.318	2.785	0.081	2.793	0.375	2.801	0.568	4.203	-1.129	4.212	-1.068	4.218	-0.971	4.228	-0.677
2.806	0.726	2.812	0.831	2.819	0.871	2.822	0.888	4.237	-0.440	4.251	0.011	4.261	0.286	4.269	0.428
2.826	0.875	2.834	0.823	2.840	0.700	2.846	0.533	4.275	0.511	4.281	0.547	4.286	0.551	4.290	0.534
2.849	0.384	2.854	0.244	2.856	0.191	2.861	0.045	4.302	0.433	4.316	0.319	4.323	0.266	4.331	0.253
2.866	-0.221	2.873	-0.423	2.877	-0.581	2.880	-0.695	4.340	0.236	4.351	0.153	4.363	0.035	4.374	-0.114
2.886	-0.782	2.888	-0.817	2.895	-0.835	2.900	-0.809	4.383	-0.294	4.396	-0.416	4.403	-0.443	4.418	-0.482
2.906	-0.712	2.912	-0.581	2.918	-0.401	2.921	-0.274	4.430	-0.569	4.434	-0.622	4.445	-0.643	4.455	-0.682
2.926	-0.130	2.931	0.068	2.938	0.291	2.945	0.471	4.463	-0.678	4.473	-0.638	4.485	-0.537	4.496	-0.340
2.950	0.611	2.955	0.708	2.960	0.734	2.965	0.756	4.507	-0.124	4.517	0.213	4.530	0.670	4.546	1.056
2.970	0.729	2.975	0.655	2.981	0.536	2.986	0.431	4.550	1.130	4.557	1.192	4.561	1.201	4.568	1.153
2.992	0.295	2.997	0.163	3.005	-0.303	3.011	-0.144	4.578	0.982	4.588	0.706	4.596	0.416	4.604	0.171
3.018	-0.267	3.024	-0.328	3.029	-0.359	3.033	-0.359	4.611	-0.088	4.618	-0.307	4.625	-0.504	4.632	-0.692
3.038	-0.333	3.046	-0.201	3.056	-0.048	3.065	0.101	4.636	-0.828	4.641	-0.894	4.648	-0.920	4.650	-0.916
3.073	0.303	3.080	0.434	3.086	0.456	3.093	0.518	4.657	-0.810	4.671	-0.499	4.679	-0.236	4.690	-0.021
3.095	0.518	3.101	0.487	3.108	0.421	3.115	0.338	4.698	0.111	4.705	0.150	4.712	0.150	4.721	0.142
3.119	0.233	3.124	0.092	3.130	-0.048	3.135	-0.180	4.733	0.120	4.742	0.116	4.750	0.129	4.758	0.186
3.140	-0.285	3.146	-0.390	3.150	-0.469	3.156	-0.539	4.770	0.309	4.776	0.475	4.785	0.637	4.798	0.800
3.160	-0.566	3.162	-0.583	3.166	-0.583	3.174	-0.557	4.804	0.839	4.816	0.822	4.816	0.822	4.824	0.694
3.179	-0.465	3.186	-0.311	3.194	-0.384	3.200	-0.162	4.836	0.309	4.845	-0.020	4.855	-0.384	4.867	-0.765
3.208	0.381	3.217	0.556	3.224	0.688	3.231	0.732	4.875	-0.993	4.884	-1.200	4.892	-1.344	4.899	-1.397
3.235	0.741	3.239	0.714	3.245	0.613	3.253	0.394	4.903	-0.397	4.911	-1.313	4.919	-1.164	4.926	-0.818
3.262	0.131	3.268	-0.053	3.275	-0.263	3.285	-0.430	4.938	-0.429	4.949	0.125	4.958	0.502	4.966	0.756
3.290	-0.474	3.294	-0.491	3.299	-0.478	3.309	-0.320	4.976	1.006	4.986	1.195	4.994	1.291	5.000	1.326
3.318	-0.145	3.327	0.053	3.338	0.258	3.344	0.408	5.007	1.291	5.014	1.151	5.019	0.932	5.024	0.699
3.351	0.522	3.356	0.557	3.361	0.588	3.366	0.575	5.030	0.449	5.035	0.160	5.042	-0.234	5.050	-0.568
3.372	0.509	3.378	0.386	3.385	0.250	3.390	0.115	5.058	-0.879	5.061	-1.120	5.068	-1.269	5.072	-1.330
3.392	0.001	3.398	-0.188	3.405	-0.460	3.413	-0.775	5.078	-1.348	5.086	-1.295	5.096	-1.128	5.104	-0.804

5.111	-0.488	5.119	-0.129	5.126	0.275	5.134	0.726	6.855	2.566	6.862	2.321	6.868	2.009	6.875	1.562
5.141	1.055	5.152	1.393	5.158	1.459	5.162	1.441	6.886	0.895	6.898	0.367	6.903	-0.337	6.910	-0.854
5.172	1.292	5.182	0.950	5.191	0.547	5.203	0.179	6.915	-1.205	6.923	-1.486	6.927	-1.639	6.942	-1.767
5.208	-0.172	5.216	-0.426	5.221	-0.507	5.229	-0.654	6.953	-1.679	6.968	-1.189	6.984	-0.641	7.002	-0.045
5.233	-0.654	5.240	-0.566	5.251	-0.307	5.259	-0.061	7.012	0.275	7.026	0.494	7.037	0.674	7.044	0.744
5.268	0.136	5.276	0.250	5.282	0.276	5.284	0.285	7.060	0.875	7.066	0.941	7.075	1.081	7.082	1.107
5.287	0.263	5.294	0.171	5.300	-0.030	5.309	-0.249	7.087	0.089	7.096	0.975	7.106	0.888	7.116	0.773
5.314	-0.455	5.320	-0.635	5.327	-0.762	5.334	-0.880	7.130	0.572	7.144	0.326	7.156	0.111	7.164	0.006
5.338	-0.929	5.344	-0.942	5.349	-0.933	5.358	-0.828	7.180	-0.236	7.196	-0.565	7.202	-0.828	7.209	-1.087
5.367	-0.573	5.380	-0.183	5.390	0.137	5.399	0.510	7.218	-1.389	7.226	-1.630	7.235	-1.679	7.242	-1.622
5.406	0.808	5.416	1.023	5.421	1.085	5.425	1.102	7.251	-1.385	7.262	-0.890	7.274	-0.342	7.287	0.263
5.431	1.076	5.440	0.918	5.446	0.686	5.452	0.410	7.298	0.990	7.303	1.258	7.311	1.306	7.323	1.297
5.458	0.068	5.465	-0.283	5.475	-0.629	5.482	-0.848	7.333	1.345	7.342	1.432	7.349	1.371	7.360	1.029
5.489	-0.958	5.497	-0.993	5.498	-0.957	5.505	-0.949	7.372	0.545	7.386	-0.007	7.396	-0.581	7.405	-0.941
5.514	-0.786	5.526	-0.383	5.537	0.003	5.550	0.459	7.413	-1.129	7.426	-1.239	7.437	-1.279	7.454	-1.363
5.561	0.876	5.570	1.121	5.578	1.214	5.585	1.236	7.463	-1.280	7.476	-1.083	7.484	-0.921	7.496	-0.482
5.590	1.214	5.598	1.056	5.603	0.872	5.613	0.618	7.506	-0.040	7.513	0.372	7.527	0.854	7.540	1.266
5.616	0.381	5.624	0.052	5.634	-0.425	5.643	-0.890	7.549	1.573	7.557	1.743	7.565	1.796	7.568	1.796
5.651	-1.363	5.659	-1.675	5.666	-1.881	5.671	-1.964	7.575	1.712	7.583	1.528	7.590	1.260	7.597	0.931
5.676	-1.981	5.681	-1.924	5.691	-1.538	5.700	-1.034	7.603	0.633	7.609	0.282	7.615	0.041	7.621	-0.253
5.708	-0.451	5.717	0.163	5.723	0.496	5.727	0.637	7.626	-0.555	7.634	-0.867	7.645	-1.318	7.655	-1.678
5.740	0.974	5.750	1.413	5.760	1.794	5.769	1.895	7.665	-1.915	7.671	-1.972	7.676	-1.985	7.684	-1.937
5.772	1.865	5.778	1.760	5.784	1.637	5.792	1.492	7.694	-1.692	7.705	-1.310	7.717	-0.894	7.726	-0.324
5.800	1.159	5.806	0.879	5.815	0.550	5.820	0.269	7.731	0.027	7.742	0.376	7.755	0.447	7.767	0.811
5.833	0.024	5.841	-0.309	5.852	-0.616	5.860	-0.949	7.776	1.271	7.783	1.319	7.790	1.289	7.795	1.262
5.870	-1.278	5.878	-1.501	5.884	-1.637	5.892	-1.676	7.804	1.284	7.815	1.166	7.827	0.986	7.835	0.855
5.897	-1.654	5.905	-1.483	5.914	-1.176	5.923	-0.764	7.845	1.026	7.854	1.122	7.861	1.105	7.872	0.815
5.932	-0.308	5.942	0.284	5.952	0.753	5.962	1.284	7.881	0.456	7.893	-0.096	7.903	-0.785	7.912	-1.293
5.971	1.657	5.976	1.771	5.981	1.858	5.987	1.533	7.919	-1.723	7.925	-1.986	7.934	-2.174	7.942	-2.266
5.992	1.889	6.001	1.631	6.008	1.311	6.013	0.951	7.948	-2.288	7.955	-2.183	7.965	-1.797	7.976	-1.074
6.020	0.636	6.026	0.452	6.032	0.123	6.038	-0.206	7.991	-0.240	8.001	0.465	8.012	1.347	8.021	2.026
6.043	-0.500	6.048	-0.863	6.052	-1.131	6.058	-1.167	8.030	2.649	8.038	2.706	8.049	2.614	8.061	2.184
6.063	-1.565	6.066	-1.692	6.071	-1.736	6.076	-1.753	8.070	1.667	8.083	0.970	8.098	-0.218	8.111	-1.419
6.081	-1.700	6.088	-1.512	6.096	-1.240	6.105	-0.845	8.124	-2.335	8.132	-2.625	8.139	-2.673	8.144	-2.568
6.115	-0.477	6.124	-0.161	6.131	0.040	6.139	0.220	8.150	-2.226	8.158	-1.638	8.171	-0.717	8.184	0.668
6.149	0.330	6.159	0.418	6.166	0.650	6.176	0.738	8.199	1.659	8.205	2.145	8.217	2.395	8.224	2.421
6.184	0.733	6.194	0.747	6.205	0.852	6.219	0.968	8.233	2.351	8.241	2.193	8.252	1.877	8.261	1.491
6.228	0.821	6.239	0.611	6.247	0.480	6.250	0.444	8.269	1.027	8.281	0.514	8.292	0.106	8.306	-0.403
6.255	0.195	6.263	-0.068	6.267	-0.305	6.273	-0.551	8.320	-0.758	8.327	-1.039	8.334	-1.153	8.344	-1.241
6.282	-0.770	6.289	-0.932	6.303	-1.239	6.310	-1.449	8.358	-1.127	8.374	-0.860	8.384	-0.707	8.396	-0.531
6.317	-1.475	6.322	-1.436	6.338	-1.346	6.351	-0.677	8.438	-0.185	8.424	0.292	8.439	0.673	8.452	0.892
6.361	-0.204	6.373	0.458	6.382	0.984	6.391	1.427	8.464	1.466	8.464	1.146	8.475	1.242	8.480	1.251
6.397	1.673	6.406	1.857	6.409	1.866	6.416	1.809	8.489	1.132	8.497	0.900	8.505	0.562	8.510	0.128
6.422	1.651	6.433	1.243	6.441	0.875	6.451	0.428	8.516	-0.376	8.525	-0.767	8.531	-1.236	8.543	-1.819
6.464	-0.124	6.472	-0.488	6.483	-0.913	6.491	-1.102	8.551	-2.091	8.562	-2.324	8.570	-2.364	8.577	-2.298
6.498	-1.159	6.504	-1.176	6.515	-1.128	6.521	-1.053	8.587	-1.991	8.595	-1.597	8.602	-1.185	8.607	-0.650
6.536	-0.860	6.551	-0.588	6.563	-0.422	6.570	-0.181	8.614	-0.203	8.623	0.218	8.634	0.735	8.644	1.340
6.581	0.139	6.589	0.416	6.595	0.569	6.602	0.771	8.650	1.686	8.659	1.928	8.669	2.011	8.666	2.050
6.610	0.920	6.617	1.082	6.621	1.231	6.630	1.293	8.671	2.006	8.679	1.853	8.687	1.546	8.694	1.160
6.635	1.275	6.644	1.183	6.651	1.043	6.658	0.933	8.700	0.721	8.711	0.116	8.720	-0.471	8.728	-1.072
6.665	0.876	6.675	0.622	6.685	0.350	6.693	0.065	8.736	-1.506	8.743	-1.584	8.752	-2.019	8.759	-2.041
6.701	-0.242	6.708	-0.545	6.719	-0.896	6.724	-1.181	8.764	-1.945	8.775	-1.375	8.782	-0.858	8.790	-0.371
6.733	-1.404	6.738	-1.492	6.744	-1.536	6.751	-1.536	8.799	0.068	8.806	0.458	8.812	0.791	8.819	1.019
6.759	-1.510	6.769	-1.409	6.776	-1.251	6.782	-1.015	8.826	1.159	8.833	1.216	8.842	1.216	8.841	1.163
6.790	-0.594	6.800	-0.242	6.808	0.739	6.823	1.414	8.846	0.988	8.855	0.703	8.864	0.440	8.871	0.155
6.830	1.979	6.838	2.352	6.843	2.553	6.849	2.593	8.879	-0.090	8.887	-0.310	8.893	-0.437	8.902	-0.305

8.912	-0.222	8.918	-0.156	8.929	-0.068	8.939	-0.003	10.939	-0.441	10.949	-0.463	10.960	-0.367	10.969	-0.319
8.944	0.028	8.950	0.022	8.960	-0.226	8.965	-0.389	10.982	-0.297	10.989	-0.289	11.003	-0.298	11.010	-0.298
8.970	-0.485	8.978	-0.674	8.984	-0.853	8.988	-1.011	11.021	-0.232	11.030	-0.088	11.043	-0.096	11.055	0.311
8.995	-1.125	9.003	-1.279	9.008	-1.423	9.015	-1.463	11.059	0.508	11.067	0.648	11.073	0.727	11.085	0.823
9.019	-1.472	9.026	-1.358	9.031	-1.191	9.036	-0.805	11.093	0.862	11.100	0.805	11.110	0.700	11.118	0.634
9.042	-0.564	9.046	-0.411	9.055	-0.034	9.064	0.488	11.126	0.502	11.136	0.094	11.143	-0.222	11.154	-0.581
9.073	0.930	9.080	1.272	9.084	1.435	9.094	1.513	11.167	-0.621	11.180	-0.643	11.187	-0.665	11.205	-0.740
9.103	1.474	9.109	1.356	9.116	1.242	9.121	0.965	11.219	-0.833	11.225	-0.855	11.234	-0.715	11.247	-0.334
9.130	0.579	9.138	0.163	9.148	-0.306	9.155	-0.683	11.254	-0.202	11.265	-0.136	11.274	-0.137	11.289	-0.023
9.164	-1.004	9.175	-1.240	9.182	-1.425	9.188	-1.464	11.301	0.166	11.315	0.437	11.324	0.643	11.330	0.726
9.196	-1.363	9.206	-0.894	9.216	-0.377	9.229	0.210	11.338	0.766	11.344	0.726	11.353	0.555	11.360	0.301
9.240	0.806	9.250	1.337	9.254	1.543	9.265	1.648	11.373	-0.081	11.383	-0.638	11.394	-1.067	11.407	-1.502
9.275	1.595	9.285	1.371	9.295	1.077	9.303	0.792	11.414	-1.686	11.423	-1.817	11.428	-1.818	11.437	-1.756
9.310	0.455	9.318	0.108	9.324	-0.194	9.334	-0.436	11.449	-1.366	11.461	-0.827	11.472	-0.196	11.480	0.414
9.340	-0.633	9.347	-0.795	9.357	-0.835	9.367	-0.778	11.491	0.966	11.498	1.194	11.507	1.330	11.515	1.435
9.377	-0.511	9.386	-0.165	9.396	0.230	9.402	0.431	11.525	1.470	11.529	1.439	11.538	1.216	11.549	0.856
9.409	0.545	9.421	0.576	9.426	0.536	9.434	0.439	11.561	0.532	11.570	0.264	11.578	-0.017	11.588	-0.218
9.442	0.356	9.456	0.145	9.462	-0.008	9.472	-0.079	11.597	-0.381	11.609	-0.525	11.618	-0.569	11.626	-0.574
9.482	-0.136	9.488	-0.145	9.494	-0.140	9.505	-0.040	11.634	-0.517	11.646	-0.359	11.658	-0.201	11.669	-0.008
9.514	0.136	9.525	0.284	9.533	0.398	9.545	0.442	11.678	0.154	11.691	0.351	11.704	0.500	11.714	0.574
9.546	0.442	9.555	0.385	9.567	0.235	9.577	0.020	11.724	0.600	11.733	0.574	11.741	0.491	11.756	0.346
9.585	-0.182	9.597	-0.401	9.608	-0.621	9.619	-0.770	11.767	0.227	11.780	0.188	11.790	0.183	11.800	0.201
9.631	-0.889	9.637	-0.928	9.644	-0.933	9.653	-0.828	11.810	0.214	11.818	0.183	11.831	0.016	11.842	-0.168
9.656	-0.819	9.673	-0.916	9.678	-0.916	9.683	-0.885	11.853	-0.296	11.865	-0.458	11.873	-0.629	11.881	-0.787
9.697	-0.741	9.710	-0.500	9.723	-0.268	9.733	-0.080	11.888	-0.853	11.896	-0.774	11.908	-0.494	11.921	-0.170
9.744	0.030	9.759	0.262	9.770	0.459	9.781	0.546	11.935	0.102	11.947	0.277	11.952	0.325	11.963	0.333
9.790	0.629	9.796	0.643	9.804	0.616	9.813	0.533	11.971	0.460	11.978	0.504	11.983	0.495	11.989	0.451
9.824	0.361	9.835	0.164	9.849	-0.091	9.863	-0.371	11.998	0.249	12.007	0.105	12.016	-0.058	12.023	-0.238
9.874	-0.521	9.880	-0.563	9.886	-0.499	9.903	-0.306	12.031	-0.347	12.039	-0.405	12.048	-0.497	12.056	-0.585
9.914	-0.070	9.924	0.079	9.934	0.141	9.943	0.167	12.066	-0.537	12.079	-0.546	12.087	-0.595	12.096	-0.617
9.950	0.189	9.959	0.162	9.966	0.105	9.973	0.026	12.103	-0.542	12.117	-0.337	12.124	-0.245	12.129	-0.162
9.984	-0.057	9.992	-0.114	10.003	-0.088	10.010	-0.027	12.135	-0.092	12.144	0.059	12.151	0.184	12.159	0.320
10.028	0.157	10.036	0.429	10.047	0.494	10.064	0.385	12.164	0.434	12.171	0.539	12.179	0.609	12.185	0.670
10.074	0.354	10.080	0.288	10.095	0.060	10.106	-0.111	12.191	0.701	12.198	0.731	12.203	0.727	12.212	0.713
10.115	-0.239	10.118	-0.234	10.124	-0.160	10.135	-0.055	12.218	0.661	12.225	-0.568	12.231	0.467	12.238	0.406
10.145	0.028	10.152	0.164	10.158	0.265	10.167	0.370	12.248	0.318	12.257	0.213	12.265	0.107	12.272	-0.037
10.178	0.457	10.184	0.462	10.191	0.321	10.201	0.220	12.277	-0.134	12.283	-0.217	12.291	-0.301	12.299	-0.402
10.214	0.036	10.226	-0.162	10.234	-0.320	10.237	-0.425	12.305	-0.490	12.312	-0.556	12.322	-0.622	12.333	-0.543
10.249	-0.535	10.264	-0.623	10.278	-0.728	10.286	-0.763	12.339	-0.486	12.347	-0.412	12.355	-0.302	12.360	-0.206
10.296	-0.579	10.311	-0.308	10.330	0.147	10.347	0.445	12.366	-0.083	12.375	0.031	12.382	0.114	12.394	0.219
10.360	0.708	10.370	0.817	10.379	0.935	10.381	0.944	12.400	0.324	12.407	0.381	12.414	0.456	12.416	0.465
10.388	0.909	10.397	0.777	10.407	0.579	10.415	0.382	12.422	0.443	12.427	0.350	12.438	0.197	12.445	0.096
10.433	-0.189	10.430	-0.013	10.438	-0.259	10.445	-0.448	12.451	0.004	12.459	-0.075	12.469	-0.172	12.477	-0.246
10.453	-0.593	10.460	-0.676	10.468	-0.690	10.477	-0.668	12.487	-0.347	12.494	-0.431	12.498	-0.501	12.505	-0.567
10.486	-0.585	10.494	-0.283	10.504	-0.147	10.515	-0.020	12.511	-0.597	12.515	-0.606	12.519	-0.598	12.530	-0.497
10.529	0.115	10.541	0.282	10.546	0.321	10.561	0.338	12.537	-0.436	12.544	-0.357	12.552	-0.243	12.561	-0.094
10.569	0.342	10.581	0.386	10.594	0.477	10.605	0.644	12.568	0.077	12.576	0.222	12.581	0.301	12.591	0.419
10.614	0.793	10.619	0.828	10.628	0.867	10.635	0.796	12.599	0.478	12.609	0.533	12.616	0.616	12.619	0.629
10.643	0.630	10.651	0.393	10.655	0.252	10.664	-0.024	12.623	0.581	12.629	0.467	12.632	0.357	12.638	0.203
10.672	0.336	10.681	-0.586	10.688	-0.836	10.696	-1.019	12.645	0.037	12.651	-0.121	12.660	-0.253	12.668	-0.384
10.704	-1.134	10.712	-1.183	10.718	-1.187	10.725	-1.170	12.676	-0.551	12.687	-0.670	12.694	-0.779	12.699	-0.823
10.737	-1.012	10.751	-0.723	10.763	-0.337	10.771	-0.035	12.706	-0.814	12.714	-0.806	12.723	-0.749	12.733	-0.613
10.781	0.232	10.797	0.556	10.809	0.846	10.817	1.016	12.745	-0.431	12.752	-0.341	12.764	-0.214	12.774	-0.087
10.826	1.056	10.844	0.998	10.855	0.845	10.868	0.634	12.783	0.033	12.792	0.158	12.800	0.250	12.805	0.290
10.877	0.445	10.886	0.301	10.894	0.125	10.900	-0.037	12.813	0.316	12.824	0.373	12.828	0.386	12.835	0.360
10.907	-0.173	10.914	-0.296	10.922	-0.358	10.931	-0.406	12.845	0.325	12.851	0.276	12.858	0.193	12.864	0.088

12.873	-0.044	12.879	-0.175	12.886	-0.298	12.892	-0.439	14.690	-0.473	14.702	-0.438	14.711	-0.328	14.716	-0.105
12.900	-0.562	12.908	-0.662	12.918	-0.706	12.925	-0.742	14.729	0.018	14.738	0.058	14.746	-0.004	14.754	0.040
12.932	-0.728	12.939	-0.654	12.948	-0.575	12.954	-0.417	14.763	0.167	14.772	0.233	14.784	0.198	14.796	0.088
12.963	-0.277	12.972	-0.093	12.980	0.065	12.988	0.214	14.805	-0.030	14.816	-0.241	14.826	-0.390	14.832	-0.425
12.992	0.345	12.997	0.402	13.003	0.516	13.010	0.551	14.842	-0.438	14.850	-0.482	14.859	-0.596	14.867	-0.693
13.013	0.529	13.020	0.371	13.026	0.205	13.031	0.069	14.879	-0.719	14.885	-0.715	14.895	-0.706	14.903	-0.719
13.042	-0.063	13.050	-0.164	13.059	-0.265	13.064	-0.388	14.912	-0.737	14.920	-0.697	14.931	-0.588	14.938	-0.482
13.072	-0.510	13.083	-0.642	13.090	-0.708	13.096	-0.726	14.956	-0.154	14.968	0.004	14.979	0.131	14.989	0.184
13.103	-0.682	13.113	-0.502	13.122	-0.314	13.133	-0.130	14.997	0.206	15.011	0.324	15.017	0.359	15.021	0.368
13.144	0.072	13.154	0.207	13.159	0.382	13.166	0.466	15.037	0.346	15.048	0.306	15.056	0.249	15.065	0.140
13.172	0.544	13.180	0.566	13.184	0.561	13.190	0.526	15.073	0.308	15.086	-0.193	15.093	-0.312	15.099	-0.426
13.198	0.500	13.208	0.442	13.216	0.372	13.220	0.324	15.108	-0.301	15.116	-0.627	15.124	-0.711	15.130	-0.750
13.228	0.275	13.238	0.222	13.247	0.187	13.256	0.169	15.141	-0.680	15.149	-0.527	15.155	-0.461	15.160	-0.452
13.270	0.186	13.281	0.243	13.294	0.326	13.306	0.365	15.168	-0.457	15.176	-0.360	15.185	-0.258	15.193	0.105
13.315	0.426	13.326	0.444	13.333	0.439	13.342	0.404	15.202	0.368	15.211	0.591	15.221	0.758	15.226	0.810
13.352	0.382	13.367	0.325	13.374	0.281	13.383	0.193	15.232	0.836	15.247	0.814	15.261	0.801	15.264	0.784
13.394	0.122	13.405	0.109	13.408	0.105	13.424	0.131	15.272	0.670	15.280	0.670	15.284	0.578	15.293	0.288
13.437	0.166	13.449	0.235	13.456	0.270	13.460	0.266	15.303	0.051	15.312	-0.207	15.321	-0.370	15.328	-0.466
13.468	0.248	13.478	0.196	13.486	0.130	13.493	0.059	15.336	-0.528	15.342	-0.554	15.360	-0.554	15.362	-0.541
13.501	-0.055	13.509	-0.151	13.514	-0.279	13.526	-0.388	15.374	-0.423	15.380	-0.374	15.393	-0.103	15.425	0.344
13.533	-0.432	13.538	-0.441	13.545	-0.424	13.553	-0.362	15.435	0.463	15.441	0.717	15.446	0.901	15.446	0.936
13.563	-0.217	13.572	-0.068	13.581	0.107	13.589	0.221	15.450	0.997	15.455	0.997	15.463	0.861	15.474	0.669
13.591	0.265	13.601	0.344	13.605	0.357	13.616	0.335	15.481	0.414	15.489	0.305	15.496	0.195	15.502	0.016
13.625	0.252	13.632	0.173	13.642	0.046	13.650	0.077	15.507	-0.160	15.516	-0.226	15.528	-0.187	15.534	-0.103
13.658	-0.160	13.666	-0.239	13.674	-0.345	13.683	-0.432	15.539	-0.068	15.544	-0.108	15.550	-0.261	15.560	-0.353
13.691	-0.507	13.696	-0.594	13.703	-0.691	13.712	-0.678	15.567	-0.410	15.572	-0.472	15.577	-0.476	15.583	-0.463
13.722	-0.485	13.726	-0.459	13.730	-0.516	13.740	-0.687	15.593	-0.380	15.599	-0.296	15.607	-0.169	15.613	-0.042
13.744	-0.752	13.748	-0.761	13.755	-0.665	13.767	-0.450	15.623	0.103	15.625	0.138	15.637	0.212	15.647	0.287
13.776	-0.240	13.783	-0.042	13.786	0.067	13.793	0.102	15.655	0.401	15.664	0.480	15.668	0.532	15.677	0.550
13.803	0.150	13.806	0.155	13.814	0.142	13.819	0.142	15.685	0.541	15.695	0.475	15.701	0.427	15.708	0.396
13.828	0.190	13.835	0.308	13.840	0.339	13.844	0.352	15.716	0.291	15.726	0.111	15.737	-0.060	15.745	-0.213
13.852	0.326	13.865	0.220	13.873	0.115	13.880	0.054	15.754	-0.331	15.763	-0.459	15.771	-0.586	15.778	-0.617
13.883	0.058	13.898	0.058	13.913	0.124	13.917	0.154	15.789	-0.625	15.798	-0.617	15.810	-0.555	15.821	-0.485
13.927	0.163	13.936	0.141	13.945	0.079	13.953	0.036	15.828	-0.428	15.836	-0.341	15.844	-0.244	15.849	-0.214
13.963	0.005	13.968	-0.022	13.974	0.013	13.979	0.136	15.859	-0.218	15.865	-0.122	15.871	-0.069	15.873	-0.056
13.981	0.136	13.989	-0.066	13.996	-0.136	14.005	-0.220	15.878	-0.091	15.884	-0.218	15.889	-0.297	15.893	-0.328
14.013	-0.207	14.019	-0.154	14.027	0.043	14.037	0.100	15.895	-0.328	15.903	-0.302	15.909	-0.214	15.912	-0.188
14.044	0.148	14.052	0.297	14.057	0.319	14.062	0.257	15.919	-0.275	15.924	-0.284	15.930	-0.223	15.935	-0.179
14.071	0.187	14.079	0.095	14.084	0.082	14.089	0.055	15.943	-0.109	15.951	-0.056	15.957	0.027	15.961	0.119
14.100	0.182	14.107	0.195	14.113	0.178	14.126	0.037	15.968	0.198	15.979	0.233	15.983	0.250	15.996	0.228
14.139	-0.090	14.153	-0.178	14.162	-0.209	14.170	-0.187	16.003	0.167	16.009	0.097	16.014	-0.013	16.019	-0.122
14.180	-0.246	14.191	-0.076	14.198	0.155	14.210	0.229	16.022	-0.241	16.031	-0.465	16.037	-0.570	16.041	-0.662
14.218	0.246	14.227	0.308	14.237	0.334	14.243	0.338	16.046	-0.741	16.050	-0.811	16.057	-0.833	16.064	-0.815
14.251	0.321	14.260	0.233	14.270	0.132	14.280	0.031	16.073	-0.723	16.083	-0.610	16.093	-0.404	16.100	-0.189
14.288	-0.048	14.297	-0.123	14.304	-0.154	14.312	-0.158	16.108	0.009	16.118	0.223	16.127	0.381	16.138	0.530
14.320	-0.141	14.331	-0.088	14.342	0.004	14.355	0.158	16.146	0.579	16.150	0.719	16.155	0.692	16.164	0.574
14.365	0.302	14.372	0.377	14.381	0.443	14.389	0.508	16.169	0.530	16.177	0.434	16.189	0.293	16.203	0.166
14.392	0.526	14.395	0.508	14.404	0.316	14.412	0.162	16.210	0.105	16.218	0.065	16.231	-0.000	16.236	-0.066
14.418	0.066	14.425	-0.044	14.435	-0.180	14.445	-0.294	16.246	-0.128	16.253	-0.132	16.268	-0.036	16.275	-0.043
14.453	-0.381	14.463	-0.491	14.471	-0.530	14.474	-0.535	16.281	0.167	16.287	0.070	16.297	0.030	16.305	0.013
14.483	-0.491	14.489	-0.416	14.499	-0.171	14.509	0.084	16.309	0.013	16.322	0.048	16.332	0.083	16.341	0.096
14.519	0.307	14.526	0.470	14.535	0.601	14.542	0.685	16.347	0.096	16.357	0.078	16.366	0.056	16.371	0.043
14.547	0.728	14.554	0.737	14.558	0.724	14.564	0.671	16.380	0.048	16.389	0.069	16.398	0.074	16.409	0.083
14.570	0.562	14.580	0.360	14.590	0.137	14.598	-0.056	16.425	0.118	16.432	0.126	16.439	0.131	16.449	0.122
14.608	-0.276	14.617	-0.412	14.626	-0.482	14.637	-0.499	16.460	0.091	16.468	0.043	16.473	0.003	16.478	-0.045
14.645	-0.508	14.659	-0.539	14.667	-0.543	14.679	-0.534	16.486	-0.111	16.493	-0.177	16.504	-0.260	16.512	-0.343

16.517	-0.348	16.530	-0.357	16.538	-0.304	16.548	-0.208	18.503	0.091	18.509	0.139	18.514	0.152	18.519	0.130
16.558	-0.102	16.567	-0.038	16.575	0.182	16.582	0.275	18.529	0.069	18.542	0.029	18.555	-0.006	18.564	-0.036
16.592	-0.410	16.599	0.507	16.607	0.546	16.614	0.559	18.572	-0.045	18.583	-0.027	18.597	-0.001	18.608	0.012
16.620	0.542	16.628	0.489	16.634	0.441	16.640	0.362	18.618	0.343	18.625	0.100	18.633	0.166	18.640	0.193
16.645	0.279	16.650	0.165	16.657	0.059	16.663	-0.050	18.648	0.215	18.658	0.215	18.666	0.215	18.675	0.206
16.670	-0.156	16.676	-0.252	16.682	-0.331	16.689	-0.406	18.688	0.193	18.698	0.158	18.708	0.127	18.722	0.094
16.697	-0.428	16.700	-0.436	16.709	-0.410	16.719	-0.301	18.733	0.066	18.749	0.036	18.762	0.018	18.772	-0.004
16.728	-0.173	16.737	-0.020	16.747	0.103	16.760	0.212	18.784	-0.056	18.792	-0.091	18.803	-0.148	18.813	-0.174
16.769	0.291	16.779	0.374	16.783	0.356	16.786	0.357	18.816	-0.179	18.827	-0.144	18.838	-0.065	18.849	0.014
16.793	0.243	16.798	0.111	16.804	0.037	16.812	-0.067	18.862	0.093	18.871	0.168	18.879	0.229	18.892	0.335
16.822	-0.055	16.834	-0.082	16.844	-0.112	16.854	-0.117	18.900	0.422	18.909	0.458	18.915	0.466	18.922	0.449
16.860	-0.112	16.872	-0.064	16.880	0.037	16.887	0.133	18.927	0.418	18.935	0.339	18.946	0.221	18.955	0.089
16.893	0.212	16.900	0.243	16.906	0.243	16.910	0.239	18.961	-0.012	18.977	-0.196	18.989	-0.275	18.998	-0.288
16.919	0.190	16.928	0.133	16.936	0.094	16.940	0.050	19.008	-0.284	19.021	-0.214	19.038	-0.117	19.054	-0.052
16.947	-0.007	16.956	-0.370	16.966	-0.405	17.003	-0.405	19.065	-0.008	19.078	0.001	19.091	-0.008	19.098	-0.017
16.980	-0.309	16.989	-0.370	16.996	-0.405	17.003	-0.405	19.110	-0.043	19.125	-0.043	19.128	-0.026	19.135	0.027
17.012	-0.383	17.022	-0.305	17.033	-0.212	17.045	-0.072	19.143	0.049	19.154	0.149	19.162	0.189	19.177	0.211
17.058	0.099	17.069	0.275	17.084	0.385	17.091	0.437	19.180	0.219	19.190	0.210	19.197	0.197	19.199	0.188
17.098	0.451	17.106	0.416	17.112	0.315	17.121	0.188	19.213	0.114	19.228	0.008	19.242	-0.119	19.252	-0.233
17.127	-0.052	17.137	-0.101	17.143	-0.303	17.161	-0.447	19.262	-0.303	19.274	-0.330	19.285	-0.299	19.303	-0.203
17.173	-0.574	17.183	-0.613	17.186	-0.613	17.199	-0.560	19.311	-0.120	19.322	-0.045	19.335	0.016	19.344	0.077
17.207	-0.507	17.216	-0.397	17.224	-0.287	17.234	-0.111	19.357	0.169	19.370	0.231	19.377	0.244	19.384	0.244
17.244	0.043	17.253	0.235	17.258	0.284	17.268	0.390	19.391	0.222	19.402	0.173	19.413	0.112	19.423	0.046
17.277	0.438	17.282	0.452	17.290	0.443	17.296	0.382	19.441	-0.059	19.452	-0.112	19.470	-0.125	19.482	-0.147
17.303	0.316	17.309	0.255	17.315	0.181	17.327	0.037	19.495	-0.147	19.509	-0.108	19.518	-0.081	19.531	-0.046
17.336	-0.095	17.345	-0.173	17.354	-0.238	17.365	-0.225	19.548	-0.020	19.554	0.016	19.572	0.045	19.586	0.111
17.372	-0.223	17.385	-0.203	17.398	-0.180	17.409	-0.145	19.598	0.172	19.607	0.181	19.611	0.172	19.626	0.146
17.420	-0.083	17.432	-0.021	17.443	0.062	17.449	0.119	19.633	0.133	19.643	0.111	19.656	0.071	19.669	0.340
17.457	0.233	17.464	0.269	17.472	0.318	17.484	0.340	19.682	0.023	19.691	0.023	19.703	0.023	19.712	0.045
17.493	0.349	17.504	0.345	17.514	0.310	17.522	0.215	19.720	0.132	19.734	0.145	19.737	0.154	19.743	0.163
17.533	0.206	17.541	0.140	17.548	0.074	17.552	0.322	19.754	0.154	19.757	0.163	19.767	0.106	19.775	0.079
17.558	-0.031	17.563	-0.149	17.568	-0.184	17.574	-0.197	19.782	0.040	19.796	0.022	19.807	0.039	19.814	-0.079
17.579	-0.140	17.591	-0.083	17.599	-0.048	17.609	-0.079	19.825	-0.118	19.833	-0.145	19.844	-0.153	19.853	-0.149
17.616	-0.026	17.625	0.379	17.632	0.093	17.646	0.167	19.866	-0.097	19.876	-0.026	19.892	0.044	19.900	0.092
17.650	0.233	17.656	0.242	17.665	0.211	17.672	0.211	19.914	0.109	19.918	0.109	19.928	0.131	19.939	0.096
17.683	0.177	17.694	0.137	17.703	0.159	17.710	0.168	19.949	0.052	19.960	0.004	19.975	-0.017	19.990	-0.074
17.721	0.199	17.731	0.177	17.739	0.146	17.749	0.103	20.004	-0.135	20.020	-0.175	20.028	-0.188	20.034	-0.188
17.756	0.103	17.768	0.129	17.778	0.138	17.789	0.120	20.044	-0.166	20.055	-0.100	20.064	-0.065	20.077	-0.008
17.798	0.103	17.806	0.081	17.815	0.063	17.822	0.050	20.089	0.067	20.104	0.120	20.115	0.151	20.127	0.168
17.832	0.037	17.844	0.032	17.854	0.015	17.864	-0.007	20.134	0.085	20.143	0.085	20.151	0.015	20.159	-0.041
17.874	-0.038	17.882	-0.060	17.891	-0.068	17.903	-0.055	20.168	-0.085	20.176	-0.138	20.185	-0.172	20.191	-0.212
17.918	-0.051	17.928	-0.051	17.935	-0.060	17.944	-0.103	20.201	-0.260	20.211	-0.295	20.219	-0.299	20.222	-0.299
17.955	-0.103	17.967	-0.104	17.977	-0.077	17.991	-0.025	20.235	-0.246	20.247	-0.167	20.256	-0.083	20.264	-0.013
18.002	0.001	18.013	0.019	18.025	0.036	18.037	0.036	20.275	0.057	20.287	0.106	20.301	0.141	20.309	0.150
18.048	0.036	18.056	0.027	18.063	0.010	18.072	-0.012	20.321	0.142	20.333	0.116	20.348	0.076	20.361	0.046
18.082	-0.047	18.091	-0.069	18.100	-0.087	18.109	-0.082	20.375	0.007	20.388	-0.024	20.396	-0.037	20.404	-0.041
18.116	-0.113	18.124	-0.201	18.130	-0.249	18.137	-0.267	20.413	-0.036	20.426	-0.114	20.438	-0.031	20.449	-0.038
18.146	-0.276	18.155	-0.298	18.167	-0.328	18.179	-0.342	20.457	0.008	20.469	-0.009	20.484	-0.044	20.501	-0.074
18.186	-0.342	18.197	-0.289	18.212	-0.232	18.221	-0.193	20.515	-0.079	20.531	-0.083	20.542	-0.056	20.559	-0.021
18.230	-0.127	18.238	-0.071	18.250	-0.014	18.261	0.021	20.576	-0.304	20.591	-0.003	20.602	-0.008	20.611	0.345
18.268	0.034	18.275	0.025	18.281	0.021	18.289	0.003	20.614	0.054	20.618	0.032	20.631	-0.060	20.637	-0.091
18.297	-0.019	18.305	-0.054	18.313	-0.076	18.320	-0.120	20.642	-0.100	20.647	-0.073	20.660	-0.060	20.670	-0.095
18.331	-0.164	18.343	-0.208	18.351	-0.256	18.359	-0.295	20.683	-0.148	20.696	-0.213	20.701	-0.261	20.709	-0.297
18.368	-0.322	18.380	-0.387	18.390	-0.449	18.400	-0.479	20.716	-0.296	20.722	-0.279	20.731	-0.248	20.737	-0.222
18.411	-0.466	18.422	-0.418	18.432	-0.330	18.443	-0.247	20.746	-0.165	20.751	-0.156	20.765	-0.138	20.782	-0.125
18.457	-0.124	18.473	-0.015	18.487	0.055	18.493	0.086	20.797	-0.107	20.814	-0.103	20.821	-0.107	20.834	-0.138

20.843	-0.155	20.845	-0.160	20.850	-0.147	20.865	-0.081	23.162	0.053	23.175	0.061	23.187	0.053	23.198	0.044
20.874	-0.028	20.881	-0.015	20.889	-0.015	20.899	-0.046	23.206	0.022	23.219	-0.036	23.230	-0.071	23.240	-0.115
20.910	-0.094	20.923	-0.155	20.932	-0.229	20.940	-0.308	23.253	-0.155	23.262	-0.164	23.270	-0.164	23.282	-0.151
20.952	-0.391	20.959	-0.431	20.968	-0.448	20.972	-0.448	23.291	-0.125	23.301	-0.059	23.317	0.046	23.329	0.133
20.978	-0.439	20.992	-0.356	21.000	-0.268	21.010	-0.136	23.340	-0.199	23.354	0.234	23.359	0.251	23.368	0.233
21.022	-0.022	21.035	0.061	21.044	0.105	21.057	0.140	23.374	0.203	23.382	0.128	23.392	0.031	23.401	-0.052
21.070	0.149	21.085	0.154	21.096	0.163	21.103	0.141	23.412	-0.131	23.424	-0.184	23.433	-0.206	23.441	-0.211
21.112	0.093	21.120	0.049	21.127	0.023	21.140	0.005	23.450	-0.062	23.456	-0.049	23.463	-0.098	23.469	-0.102
21.154	-0.011	21.161	-0.021	21.172	-0.012	21.183	-0.003	23.475	-0.111	23.487	-0.054	23.498	0.068	23.501	0.099
21.193	0.005	21.203	0.019	21.216	0.045	21.227	0.080	23.514	0.121	23.521	0.129	23.526	0.155	23.534	0.142
21.237	0.093	21.250	0.098	21.263	0.102	21.269	0.111	23.545	0.028	23.552	-0.060	23.556	-0.073	23.566	-0.025
21.281	0.124	21.296	0.124	21.301	0.199	21.308	0.243	23.575	0.014	23.581	0.067	23.599	0.076	23.612	0.097
21.308	0.243	21.315	0.203	21.322	0.133	21.329	0.085	23.639	0.115	23.641	0.158	23.655	0.198	23.659	0.202
21.336	0.076	21.341	0.107	21.348	0.160	21.355	0.182	23.664	0.176	23.671	0.123	23.677	0.027	23.686	-0.061
21.373	0.160	21.385	0.142	21.393	0.167	21.404	0.050	23.692	-0.127	23.704	-0.206	23.716	-0.254	23.725	-0.281
21.410	0.028	21.424	0.076	21.440	0.094	21.448	0.068	23.728	-0.285	23.742	-0.236	23.755	-0.088	23.768	0.035
21.457	0.063	21.465	0.072	21.479	0.116	21.489	0.146	23.779	0.162	23.787	0.272	23.795	-0.346	23.804	0.386
21.502	0.160	21.509	0.164	21.518	0.142	21.527	0.089	23.808	0.195	23.818	0.368	23.829	0.316	23.844	0.202
21.536	0.032	21.546	-0.107	21.555	-0.025	21.569	-0.025	23.859	0.114	23.860	-0.026	23.874	-0.136	23.883	-0.206
21.586	-0.020	21.596	-0.007	21.612	0.041	21.627	0.094	23.892	-0.232	23.900	-0.241	23.909	-0.236	23.921	-0.201
21.637	0.129	21.646	0.138	21.656	0.133	21.670	0.107	23.936	-0.076	23.948	-0.154	23.960	0.216	23.972	0.264
21.686	0.072	21.701	0.028	21.712	-0.011	21.723	0.064	23.985	0.133	23.998	0.134	24.015	0.216	24.029	0.264
21.736	-0.095	21.746	-0.103	21.756	-0.095	21.768	-0.077	24.038	0.282	24.051	0.256	24.065	0.216	24.075	0.151
21.780	-0.025	21.786	0.002	21.797	0.072	21.804	0.107	24.088	0.376	24.098	-0.025	24.109	-0.108	24.121	-0.182
21.809	0.116	21.817	0.094	21.832	0.041	21.840	0.109	24.131	-0.239	24.145	0.189	24.150	-0.257	24.166	-0.244
21.850	0.015	21.858	-0.016	21.867	-0.051	21.878	-0.068	24.177	-0.200	24.185	-0.038	24.193	0.028	24.196	0.046
21.888	0.064	21.899	-0.055	21.907	-0.037	21.919	0.058	24.209	0.125	24.221	0.370	24.231	0.274	24.236	0.331
21.928	0.173	21.938	0.221	21.949	0.265	21.961	0.291	24.249	0.361	24.252	0.370	24.260	0.353	24.268	0.309
21.965	0.295	21.974	0.278	21.983	0.216	21.995	0.133	24.275	0.217	24.283	0.112	24.291	-0.042	24.301	-0.155
22.007	0.036	22.019	-0.043	22.029	-0.095	22.037	-0.104	24.313	-0.239	24.326	-0.287	24.339	-0.299	24.348	-0.277
22.048	-0.113	22.057	-0.087	22.069	-0.065	22.076	-0.043	24.366	-0.167	24.379	-0.018	24.390	0.123	24.404	0.198
22.087	0.014	22.096	0.071	22.102	0.106	22.114	0.137	24.407	0.207	24.415	0.189	24.425	0.397	24.435	0.027
22.125	0.154	22.133	0.145	22.143	0.088	22.151	0.018	24.444	-0.034	24.457	-0.082	24.468	-0.125	24.475	-0.134
22.161	-0.052	22.166	-0.087	22.176	-0.109	22.182	-0.118	24.482	-0.139	24.487	-0.134	24.493	-0.126	24.496	-0.112
22.195	-0.096	22.207	-0.070	22.218	-0.022	22.232	0.057	24.510	-0.099	24.532	-0.086	24.538	-0.051	24.513	-0.042
22.243	0.088	22.249	0.101	22.258	0.079	22.270	0.039	24.515	-0.029	24.538	-0.025	24.545	-0.025	24.529	-0.021
22.286	-0.075	22.299	-0.171	22.312	-0.228	22.322	-0.233	24.553	-0.039	24.559	-0.047	24.561	-0.061	24.568	-0.096
22.333	-0.224	22.345	-0.171	22.362	-0.031	22.375	0.065	24.574	-0.118	24.576	-0.140	24.579	-0.149	24.582	-0.166
22.384	0.105	22.393	0.149	22.401	0.157	22.405	0.149	24.603	-0.250	24.609	-0.250	24.613	-0.246	24.620	-0.237
22.414	0.118	22.428	0.013	22.447	-0.092	22.461	-0.132	24.623	-0.228	24.626	-0.211	24.630	-0.184	24.635	-0.154
22.468	-0.141	22.475	-0.141	22.484	-0.119	22.503	-0.040	24.640	-0.114	24.646	-0.075	24.654	-0.043	24.659	-0.014
22.518	0.043	22.534	0.118	22.539	0.131	22.547	0.131	24.663	-0.001	24.670	-0.001	24.678	0.012	24.687	0.017
22.558	0.122	22.569	0.096	22.579	0.065	22.590	0.008	24.692	0.021	24.699	0.025	24.708	0.007	24.713	-0.001
22.602	-0.036	22.609	-0.076	22.621	-0.093	22.624	-0.093	24.718	-0.015	24.729	-0.045	24.732	-0.063	24.732	-0.063
22.635	-0.089	22.644	-0.102	22.655	-0.107	22.665	-0.089	24.741	-0.081	24.745	-0.094	24.750	-0.098	24.755	-0.090
22.680	-0.037	22.698	0.011	22.703	0.020	22.714	0.011	24.765	-0.085	24.772	-0.072	24.777	-0.064	24.785	-0.059
22.734	-0.038	22.751	-0.073	22.763	-0.086	22.770	-0.104	24.797	-0.073	24.808	-0.086	24.818	-0.086	24.826	-0.104
22.783	-0.144	22.796	-0.174	22.807	-0.188	22.812	-0.184	24.831	-0.122	24.838	-0.126	24.844	-0.135	24.853	-0.135
22.824	-0.092	22.830	-0.083	22.839	-0.101	22.847	-0.123	24.861	-0.135	24.872	-0.118	24.878	-0.096	24.886	-0.070
22.860	-0.119	22.871	-0.057	22.882	-0.044	22.899	-0.031	24.893	-0.035	24.899	0.018	24.904	0.053	24.911	0.070
22.908	-0.045	22.920	-0.102	22.927	-0.115	22.935	-0.107	24.920	0.079	24.929	0.087	24.936	0.100	24.943	0.100
22.944	-0.072	22.947	-0.059	22.953	-0.059	22.968	-0.076	24.950	0.100	24.958	0.369	24.966	0.047	24.972	0.007
22.977	-0.051	22.993	-0.072	23.004	-0.055	23.016	-0.042	24.979	-0.023	24.986	-0.063	24.994	-0.098	25.003	-0.112
23.026	-0.051	23.042	-0.086	23.055	-0.126	23.072	-0.174	25.014	-0.108	25.024	-0.099	25.032	-0.095	25.044	-0.091
23.084	-0.187	23.090	-0.205	23.097	-0.201	23.105	-0.179								
23.119	-0.117	23.133	-0.047	23.144	0.009	23.152	0.036								

25.054	-0.087	25.361	-0.369	25.069	-0.061	25.079	-0.043	27.066	0.044	27.077	0.039	27.087	0.025	27.095	-0.001
25.086	-0.013	25.092	0.027	25.103	0.057	25.112	0.074	27.106	-0.045	27.124	-0.094	27.133	-0.099	27.143	-0.108
25.121	0.083	25.131	0.105	25.148	0.126	25.158	0.130	27.151	-0.104	27.158	-0.091	27.167	-0.065	27.182	0.118
25.168	0.134	25.176	0.134	25.183	0.112	25.193	0.077	27.202	0.122	27.212	0.175	27.219	0.182	27.227	0.205
25.196	0.055	25.201	0.037	25.205	-0.011	25.213	0.033	27.233	0.209	27.240	0.204	27.247	0.182	27.254	0.156
25.216	-0.055	25.226	-0.095	25.231	-0.117	25.240	-0.139	27.260	0.125	27.266	0.068	27.274	0.110	27.284	-0.060
25.244	-0.143	25.254	-0.144	25.263	-0.135	25.269	-0.122	27.289	-0.113	27.291	-0.117	27.296	-0.188	27.308	-0.232
25.276	-0.096	25.282	-0.065	25.290	-0.022	25.295	0.040	27.313	-0.285	27.325	-0.294	27.332	-0.290	27.349	-0.242
25.304	0.066	25.308	0.109	25.315	0.153	25.320	0.171	27.365	-0.076	27.393	0.103	27.405	0.190	27.418	0.221
25.326	0.197	25.334	0.214	25.341	0.214	25.351	0.209	27.427	0.225	27.433	0.220	27.440	0.202	27.446	0.172
25.359	0.200	25.366	0.187	25.369	0.165	25.375	0.138	27.457	0.114	27.462	0.061	27.470	0.000	27.478	-0.101
25.384	0.116	25.393	0.081	25.399	0.050	25.404	0.019	27.485	-0.159	27.491	-0.220	27.493	-0.233	27.496	-0.247
25.410	-0.007	25.420	-0.034	25.426	-0.047	25.438	-0.056	27.500	-0.265	27.511	-0.291	27.513	-0.287	27.522	-0.274
25.447	0.043	25.452	-0.030	25.458	-0.004	25.466	0.035	27.530	-0.265	27.542	-0.239	27.549	-0.195	27.558	-0.134
25.476	0.061	25.484	0.083	25.493	0.096	25.501	0.104	27.563	-0.082	27.570	-0.038	27.576	0.014	27.583	0.080
25.511	0.108	25.516	0.108	25.527	0.121	25.537	0.121	27.587	0.150	27.602	0.193	27.610	0.211	27.617	0.206
25.545	0.116	25.550	0.112	25.555	0.098	25.564	0.085	27.627	0.197	27.636	0.179	27.649	0.157	27.656	0.109
25.567	0.072	25.578	0.063	25.586	0.058	25.599	0.049	27.664	0.065	27.674	0.020	27.685	-0.028	27.690	-0.081
25.609	0.053	25.618	0.053	25.630	0.057	25.642	0.065	27.697	-0.103	27.703	-0.116	27.715	-0.095	27.724	-0.073
25.650	0.074	25.661	0.074	25.671	0.069	25.679	0.056	27.736	-0.064	27.745	-0.030	27.758	-0.021	27.770	-0.008
25.687	0.029	25.696	-0.002	25.705	-0.050	25.713	-0.086	27.781	0.000	27.794	-0.000	27.807	0.004	27.822	0.003
25.720	-0.112	25.728	-0.147	25.735	-0.169	25.745	-0.192	27.831	0.003	27.841	0.007	27.848	0.020	27.855	0.042
25.755	-0.196	25.763	-0.183	25.771	-0.140	25.781	-0.387	27.867	0.068	27.874	0.107	27.887	0.120	27.897	0.133
25.791	-0.013	25.799	0.052	25.807	0.087	25.816	0.118	27.909	0.128	27.917	0.106	27.927	0.088	27.937	0.066
25.821	0.157	25.830	0.192	25.836	0.209	25.842	0.205	27.948	-0.037	28.001	-0.024	28.012	-0.041	28.025	-0.062
25.852	0.196	25.858	0.165	25.864	0.134	25.872	0.072	27.989	-0.037	28.001	-0.024	28.012	-0.041	28.025	-0.062
25.880	0.015	25.888	-0.033	25.902	-0.104	25.911	-0.148	28.035	0.101	28.046	0.123	28.057	0.136	28.063	0.135
25.918	-0.175	25.930	-0.188	25.937	-0.197	25.945	-0.193	28.078	0.126	28.083	0.099	28.093	0.073	28.101	0.033
25.954	-0.189	25.962	-0.167	25.967	-0.145	25.976	-0.058	28.110	-0.020	28.118	-0.038	28.128	-0.065	28.138	-0.078
25.987	-0.067	25.999	-0.033	26.002	-0.015	26.014	0.028	28.145	-0.079	28.163	-0.053	28.175	-0.031	28.186	-0.005
26.030	0.032	26.040	0.041	26.053	0.084	26.061	0.093	28.196	0.016	28.209	0.024	28.219	0.020	28.228	0.015
26.069	0.105	26.080	0.105	26.094	0.096	26.104	0.087	28.232	0.002	28.240	-0.012	28.246	-0.034	28.253	-0.052
26.110	0.073	26.122	0.038	26.130	0.020	26.133	-0.011	28.264	-0.070	28.273	-0.079	28.282	-0.071	28.294	-0.071
26.138	-0.037	26.144	-0.085	26.150	-0.138	26.157	-0.182	28.304	-0.071	28.314	-0.059	28.319	-0.046	28.326	-0.015
26.164	-0.213	26.168	-0.257	26.175	-0.284	26.180	-0.345	28.331	0.002	28.340	0.050	28.348	0.068	28.356	0.085
26.187	-0.376	26.199	-0.398	26.208	-0.381	26.217	-0.359	28.363	0.089	28.372	0.080	28.378	0.062	28.385	0.045
26.225	-0.272	26.234	-0.189	26.244	-0.101	26.260	0.051	28.391	0.036	28.397	0.001	28.398	-0.021	28.406	-0.039
26.269	0.161	26.276	0.187	26.281	0.196	26.290	0.195	28.410	-0.070	28.417	-0.105	28.423	-0.145	28.430	-0.176
26.300	0.182	26.308	0.147	26.313	0.058	26.322	0.050	28.438	-0.207	28.447	-0.216	28.460	-0.207	28.468	-0.185
26.347	-0.187	26.357	-0.275	26.365	-0.315	26.372	-0.350	28.479	-0.146	28.495	-0.063	28.516	0.033	28.528	0.085
26.378	-0.367	26.386	-0.359	26.397	-0.343	26.406	-0.289	28.539	0.115	28.546	0.133	28.557	0.137	28.568	0.132
26.429	-0.136	26.441	-0.070	26.455	0.004	26.468	0.056	28.576	0.110	28.584	0.084	28.590	0.057	28.599	0.026
26.478	0.087	26.483	0.113	26.499	0.157	26.506	0.174	28.606	-0.018	28.611	-0.044	28.619	-0.075	28.626	-0.101
26.518	0.183	26.529	0.183	26.537	0.178	26.547	0.165	28.635	-0.115	28.661	-0.124	28.677	-0.120	28.692	-0.103
26.555	0.138	26.564	0.050	26.570	0.048	26.579	-0.002	28.695	-0.072	28.712	-0.038	28.735	0.028	28.751	0.058
26.589	-0.072	26.603	-0.160	26.614	-0.235	26.621	-0.261	28.764	0.097	28.779	0.173	28.786	0.127	28.799	0.153
26.625	-0.283	26.630	-0.296	26.635	-0.297	26.662	-0.231	28.817	0.152	28.826	0.121	28.833	0.091	28.839	0.082
26.667	-0.165	26.674	-0.122	26.681	-0.065	26.688	-0.021	28.844	0.011	28.851	-0.033	28.855	-0.063	28.864	-0.129
26.693	0.014	26.701	0.084	26.720	0.172	26.729	0.211	28.870	-0.156	28.874	-0.209	28.880	-0.235	28.893	-0.275
26.735	0.228	26.742	0.241	26.748	0.241	26.758	0.224	28.931	-0.288	28.941	-0.284	28.923	-0.241	28.932	-0.171
26.768	0.188	26.782	0.127	26.807	-0.023	26.816	-0.067	28.941	-0.114	28.950	-0.049	28.959	0.008	28.966	0.056
26.820	-0.089	26.827	-0.111	26.832	-0.120	26.840	-0.120	28.973	0.104	28.979	0.130	28.987	0.156	28.998	0.160
26.849	-0.121	26.858	-0.099	26.869	-0.068	26.880	-0.042	29.010	0.142	29.024	0.102	29.030	0.076	29.037	0.045
26.893	-0.003	26.910	0.036	26.923	0.071	26.936	0.083	29.041	0.005	29.051	-0.030	29.058	-0.065	29.064	-0.105
26.944	0.096	26.957	0.100	26.968	0.103	26.982	0.099	29.071	-0.119	29.079	-0.149	29.087	-0.176	29.098	-0.190
27.004	0.094	27.024	0.085	27.037	0.080	27.050	0.066	29.110	-0.212	29.122	-0.217	29.139	-0.195	29.151	-0.151

29.162	-0.108	29.175	-0.073	29.189	-0.034	29.197	0.027	31.233	-0.047	31.239	-0.078	31.245	-0.118	31.252	-0.140
29.208	0.049	29.219	0.093	29.226	0.128	29.234	0.141	31.263	-0.158	31.269	-0.145	31.277	-0.119	31.290	-0.084
29.242	0.154	29.250	0.153	29.262	0.144	29.270	0.122	31.300	-0.027	31.312	0.021	31.326	0.055	31.340	0.077
29.278	0.087	29.286	0.030	29.291	-0.027	29.300	-0.076	31.351	0.085	31.363	0.063	31.372	0.024	31.382	0.020
29.304	-0.115	29.311	-0.142	29.316	-0.186	29.324	-0.208	31.388	-0.069	31.391	0.108	31.400	-0.152	31.406	-0.188
29.332	-0.234	29.343	-0.252	29.358	-0.248	29.367	-0.199	31.411	-0.227	31.421	-0.232	31.427	-0.227	31.436	-0.193
29.378	-0.151	29.385	-0.072	29.392	0.011	29.401	0.063	31.446	-0.149	31.456	-0.088	31.467	-0.018	31.479	0.074
29.409	0.133	29.416	0.164	29.424	0.186	29.432	0.216	31.488	0.118	31.500	0.144	31.510	0.135	31.519	0.104
29.438	0.234	29.445	0.229	29.455	0.220	29.463	0.198	31.528	0.042	31.538	0.003	31.546	-0.041	31.553	-0.067
29.471	0.159	29.476	0.119	29.486	0.071	29.494	0.018	31.557	-0.398	31.565	-0.111	31.575	-0.133	31.587	-0.125
29.499	-0.012	29.506	-0.061	29.516	-0.096	29.526	-0.122	31.602	-0.103	31.617	-0.103	31.628	-0.081	31.637	-0.042
29.543	-0.118	29.561	0.097	29.573	-0.031	29.593	0.027	31.651	-0.011	31.664	0.033	31.681	0.050	31.695	0.055
29.600	-0.010	29.613	0.056	29.626	0.139	29.637	0.165	31.708	0.050	31.720	0.037	31.733	0.024	31.749	0.010
29.650	0.196	29.664	0.195	29.685	0.160	29.695	0.151	31.764	-0.007	31.779	-0.025	31.802	-0.086	31.810	-0.104
29.703	0.107	29.711	0.028	29.720	-0.042	29.731	-0.099	31.824	-0.148	31.840	-0.069	31.847	-0.073	31.863	-0.122
29.737	-0.135	29.746	-0.157	29.755	-0.183	29.763	-0.174	31.870	-0.082	31.882	-0.004	31.895	0.027	31.903	0.062
29.773	-0.148	29.783	-0.113	29.790	-0.070	29.799	-0.035	31.913	0.084	31.923	0.093	31.930	0.071	31.946	0.040
29.804	0.000	29.812	0.061	29.821	0.140	29.832	0.193	31.958	0.053	31.968	0.040	31.976	0.018	31.996	-0.022
29.838	0.228	29.845	0.254	29.856	0.267	29.869	0.258	32.000	-0.026	32.011	-0.044	32.019	-0.053	32.030	-0.044
29.879	0.218	29.888	0.174	29.896	0.122	29.902	0.078	32.042	-0.026	32.054	-0.005	32.073	-0.000	32.092	-0.000
29.906	0.051	29.913	0.012	29.920	-0.015	29.927	-0.054	32.107	-0.070	32.123	0.034	32.135	0.026	32.147	0.044
29.976	-0.037	29.983	-0.015	29.989	0.015	30.005	0.054	32.205	0.093	32.214	0.088	32.223	0.110	32.232	0.114
30.014	0.072	30.024	0.089	30.033	0.132	30.042	0.098	32.242	-0.033	32.253	-0.034	32.264	-0.069	32.274	-0.113
30.088	0.132	30.093	0.132	30.100	0.137	30.107	0.141	32.287	-0.112	32.299	-0.104	32.310	-0.077	32.322	-0.033
30.117	0.141	30.127	0.141	30.137	0.119	30.147	0.092	32.335	0.007	32.344	0.055	32.357	0.090	32.368	0.134
30.154	0.070	30.160	0.053	30.168	0.018	30.174	-0.013	32.383	0.148	32.402	0.135	32.419	0.105	32.431	0.070
30.179	-0.040	30.184	-0.066	30.190	-0.097	30.194	-0.132	32.446	0.018	32.455	-0.017	32.462	-0.039	32.472	-0.056
30.201	-0.145	30.206	-0.180	30.214	-0.202	30.220	-0.198	32.487	-0.065	32.502	-0.051	32.515	-0.038	32.529	-0.037
30.227	-0.185	30.235	-0.172	30.249	-0.146	30.256	-0.119	32.545	0.015	32.561	0.046	32.576	0.051	32.588	0.068
30.263	-0.084	30.271	-0.045	30.281	-0.006	30.288	0.025	32.600	0.086	32.614	0.112	32.626	0.130	32.641	0.130
30.293	0.051	30.299	0.064	30.312	0.139	30.319	0.121	32.655	0.117	32.668	0.104	32.674	0.087	32.679	0.065
30.329	0.073	30.339	0.038	30.346	0.029	30.356	0.033	32.685	0.043	32.693	0.017	32.705	-0.022	32.717	-0.062
30.373	0.007	30.384	0.006	30.397	-0.002	30.414	-0.055	32.725	-0.071	32.739	-0.088	32.752	-0.088	32.763	-0.079
30.431	-0.038	30.440	-0.029	30.453	-0.056	30.467	-0.060	32.776	-0.062	32.785	-0.040	32.795	-0.005	32.805	0.043
30.488	-0.056	30.503	-0.043	30.524	-0.034	30.539	-0.017	32.812	0.078	32.820	0.105	32.829	0.122	32.836	0.131
30.548	-0.034	30.558	0.035	30.573	0.061	30.582	0.087	32.844	0.131	32.857	0.114	32.867	0.096	32.878	0.065
30.595	0.095	30.604	0.100	30.616	0.073	30.623	0.055	32.889	0.043	32.896	0.013	32.904	-0.014	32.913	-0.049
30.633	0.011	30.642	-0.050	30.649	-0.093	30.654	-0.121	32.920	-0.066	32.936	-0.106	32.945	-0.092	32.959	-0.084
30.660	-0.160	30.667	-0.191	30.681	-0.218	30.686	-0.222	32.971	-0.057	32.991	-0.021	33.003	0.008	33.023	0.026
30.694	-0.214	30.700	-0.183	30.710	-0.166	30.719	-0.135	33.037	0.026	33.053	0.026	33.067	0.026	33.081	0.021
30.725	-0.121	30.732	-0.057	30.739	0.013	30.744	0.065	33.101	0.017	33.119	0.021	33.140	0.021	33.156	0.021
30.753	0.100	30.762	0.139	30.768	0.161	30.780	0.161	33.172	0.021	33.184	0.008	33.196	-0.005	33.207	-0.014
30.796	0.143	30.806	0.099	30.815	0.068	30.825	0.006	33.225	-0.040	33.253	-0.044	33.261	-0.022	33.274	0.004
30.833	-0.029	30.839	-0.063	30.845	-0.100	30.851	-0.126	33.298	0.052	33.304	0.070	33.323	0.074	33.337	0.078
30.857	-0.135	30.863	-0.144	30.872	-0.140	30.882	-0.127	33.345	0.065	33.356	0.048	33.366	0.013	33.374	-0.014
30.888	-0.096	30.895	-0.070	30.902	-0.044	30.911	-0.001	33.383	-0.036	33.396	-0.049	33.405	-0.049	33.417	-0.049
30.918	0.034	30.928	0.078	30.939	0.095	30.950	0.091	33.425	-0.040	33.437	-0.040	33.443	-0.018	33.452	0.013
30.960	0.086	30.973	0.077	30.982	0.068	30.993	0.059	33.462	0.052	33.473	0.087	33.483	0.105	33.494	0.105
31.004	0.041	31.015	0.015	31.026	-0.007	31.037	-0.016	33.506	0.100	33.519	0.092	33.530	0.061	33.555	-0.010
31.049	-0.021	31.058	-0.030	31.065	-0.065	31.076	-0.092	33.565	-0.045	33.572	-0.097	33.588	-0.120	33.602	-0.120
31.085	-0.114	31.097	-0.114	31.106	-0.106	31.117	-0.093	33.621	-0.098	33.633	-0.076	33.641	-0.050	33.647	-0.028
31.125	-0.071	31.132	-0.036	31.141	0.008	31.148	0.051	33.662	0.011	33.671	0.033	33.683	0.103	33.693	0.160
31.158	0.073	31.167	0.081	31.179	0.077	31.191	0.072	33.700	0.204	33.714	0.208	33.722	0.195	33.727	0.164
31.201	0.063	31.209	0.045	31.218	0.014	31.225	-0.008	33.743	0.041	33.749	-0.003	33.759	-0.047	33.769	-0.091
								33.787	-0.144	33.813	-0.193	33.822	-0.180	33.833	-0.136

33.842	-0.075	33.851	-0.022	33.863	0.069	33.879	0.135	36.439	-0.128	36.454	-0.115	36.469	-0.072	36.483	-0.028
33.891	0.187	33.900	0.227	33.918	0.235	33.933	0.231	36.494	0.007	36.510	0.020	36.523	0.007	36.541	-0.024
33.942	0.195	33.947	0.143	33.953	0.108	33.962	0.037	36.561	-0.033	36.579	-0.033	36.592	-0.025	36.610	-0.007
33.967	-0.023	33.974	-0.086	33.984	-0.112	33.991	-0.169	36.623	0.015	36.635	0.032	36.649	0.059	36.657	0.059
34.000	-0.200	34.006	-0.222	34.024	-0.244	34.039	-0.235	36.663	0.050	36.667	0.046	36.672	0.037	36.675	0.024
34.058	-0.082	34.087	0.089	34.097	0.124	34.109	0.150	36.676	0.019	36.682	0.019	36.696	0.006	36.708	0.002
34.127	0.167	34.144	0.123	34.158	0.088	34.164	0.044	36.715	0.002	36.728	0.015	36.742	0.014	36.754	0.023
34.173	0.018	34.179	-0.000	34.188	0.009	34.198	0.013	36.771	0.049	36.780	0.058	36.792	0.062	36.804	0.062
34.210	0.017	34.223	0.017	34.230	0.038	34.237	-0.018	36.822	0.044	36.829	0.035	36.831	0.035	36.842	0.048
34.244	-0.027	34.252	-0.049	34.260	-0.049	34.272	-0.049	36.856	0.096	36.866	0.123	36.877	0.136	36.890	0.144
34.284	-0.067	34.293	-0.067	34.300	-0.067	34.312	-0.058	36.895	0.140	36.907	0.122	36.916	0.091	36.924	0.056
34.320	-0.028	34.330	-0.036	34.340	0.016	34.352	0.029	36.935	0.003	36.945	-0.041	36.956	-0.076	36.968	0.107
34.360	0.038	34.367	0.033	34.376	0.024	34.382	0.016	36.979	-0.116	36.988	-0.121	36.996	-0.112	37.010	-0.077
34.402	0.007	34.402	-0.006	34.414	-0.024	34.421	-0.037	37.023	-0.025	37.038	0.036	37.050	0.102	37.059	0.132
34.432	-0.042	34.437	-0.042	34.447	-0.042	34.456	-0.029	37.076	0.154	37.089	0.166	37.097	0.162	37.103	0.135
34.463	-0.002	34.470	0.020	34.478	0.050	34.487	0.076	37.116	0.087	37.128	0.052	37.142	0.025	37.157	-0.005
34.499	0.107	34.505	0.111	34.512	0.120	34.520	0.103	37.172	-0.028	37.186	-0.054	37.202	-0.076	37.217	-0.085
34.527	0.085	34.537	0.054	34.543	-0.003	34.548	-0.020	37.225	-0.090	37.239	-0.081	37.250	-0.068	37.262	-0.024
34.555	-0.047	34.561	-0.082	34.568	-0.108	34.573	-0.126	37.275	0.028	37.287	0.090	37.295	0.138	37.307	0.181
34.581	-0.143	34.591	-0.156	34.601	-0.143	34.613	-0.130	37.314	0.203	37.324	0.216	37.333	0.216	37.341	0.203
34.622	-0.086	34.629	-0.047	34.638	-0.003	34.649	0.032	37.352	0.172	37.363	0.137	37.374	0.097	37.385	0.049
34.658	0.058	34.670	0.071	34.678	0.075	34.685	0.075	37.396	-0.010	37.405	-0.026	37.415	-0.048	37.423	-0.061
34.695	0.058	34.708	0.031	34.717	-0.013	34.728	-0.052	37.433	-0.065	37.441	-0.048	37.452	-0.013	37.462	0.031
34.736	-0.074	34.746	-0.092	34.760	-0.105	34.771	-0.101	37.477	0.079	37.486	0.118	37.502	0.136	37.511	0.149
34.784	-0.084	34.797	-0.058	34.808	-0.027	34.818	-0.005	37.517	0.144	37.533	0.122	37.547	0.100	37.559	0.086
34.822	0.012	34.843	0.003	34.858	-0.019	34.870	-0.002	37.575	0.077	37.591	0.072	37.599	0.059	37.613	0.024
34.882	-0.007	34.896	-0.020	34.903	-0.038	34.912	-0.060	37.628	-0.020	37.636	-0.060	37.656	-0.091	37.668	-0.113
34.921	-0.073	34.934	-0.064	34.943	-0.038	34.958	-0.017	37.676	-0.118	37.686	-0.105	37.698	-0.075	37.711	-0.027
34.974	0.010	34.989	0.027	35.001	0.035	35.015	0.040	37.721	0.017	37.732	0.052	37.738	0.078	37.748	0.100
35.026	0.031	35.035	0.004	35.045	-0.018	35.054	-0.058	37.759	0.108	37.770	0.104	37.782	0.077	37.792	0.042
35.064	-0.071	35.084	-0.089	35.098	-0.080	35.107	-0.054	37.803	0.007	37.809	-0.028	37.816	-0.050	37.824	-0.081
35.116	-0.006	35.129	0.033	35.143	0.060	35.161	0.064	37.832	-0.099	37.839	-0.103	37.848	-0.134	37.857	-0.161
35.181	0.063	35.190	0.041	35.202	0.006	35.220	0.025	37.868	-0.170	37.869	-0.174	37.876	-0.161	37.885	-0.122
35.230	-0.012	35.246	0.036	35.255	0.071	35.275	0.084	37.897	-0.074	37.908	-0.030	37.916	0.001	37.923	0.027
35.292	0.062	35.305	0.031	35.313	0.005	35.323	-0.039	37.932	0.049	37.942	0.057	37.955	0.066	37.961	0.070
35.341	-0.074	35.351	-0.100	35.365	-0.136	35.374	-0.118	37.972	-0.019	38.039	0.016	38.055	0.051	38.064	0.064
35.386	-0.079	35.399	-0.004	35.411	0.066	35.420	0.118	38.022	-0.019	38.039	0.016	38.055	0.051	38.064	0.064
35.432	0.136	35.446	0.136	35.461	0.127	35.474	0.114	38.072	0.064	38.080	0.055	38.091	0.046	38.105	0.015
35.490	0.079	35.500	0.043	35.508	0.026	35.516	-0.005	38.114	-0.007	38.124	-0.029	38.135	-0.051	38.142	-0.056
35.533	-0.044	35.544	-0.048	35.573	-0.026	35.584	-0.004	38.149	-0.065	38.160	-0.056	38.173	-0.026	38.189	0.009
35.598	0.031	35.617	0.123	35.633	0.136	35.646	0.149	38.204	0.039	38.211	0.052	38.224	0.070	38.232	0.078
35.656	0.136	35.665	0.110	35.675	0.071	35.691	0.031	38.244	0.069	38.256	0.060	38.269	0.047	38.275	0.029
35.700	-0.026	35.712	-0.061	35.722	-0.074	35.742	-0.109	38.288	-0.002	38.298	-0.015	38.309	-0.024	38.320	-0.029
35.754	-0.109	35.763	-0.091	35.771	-0.069	35.780	-0.039	38.329	-0.029	38.339	-0.029	38.351	-0.021	38.362	-0.017
35.792	-0.012	35.803	0.018	35.823	0.014	35.833	0.014	38.370	-0.013	38.379	-0.037	38.388	-0.022	38.399	-0.013
35.849	0.040	35.868	0.062	35.880	0.075	35.896	0.066	38.414	-0.030	38.417	-0.005	38.425	0.017	38.435	0.030
35.915	0.066	35.937	0.057	35.948	0.013	35.955	-0.017	38.439	0.030	38.448	0.056	38.458	0.060	38.471	0.064
35.962	-0.052	35.972	-0.088	35.983	-0.114	35.999	-0.105	38.479	0.068	38.492	0.059	38.500	0.059	38.510	0.041
36.010	-0.088	36.023	-0.084	36.038	-0.080	36.050	-0.045	38.523	0.028	38.536	0.019	38.545	0.019	38.559	0.001
36.064	-0.023	36.074	0.008	36.084	0.051	36.097	0.073	38.572	0.000	38.584	0.009	38.600	0.026	38.614	0.026
36.110	0.077	36.122	0.064	36.131	0.042	36.148	0.033	38.626	0.034	38.645	0.051	38.663	0.069	38.675	0.090
36.159	0.015	36.170	-0.015	36.185	-0.046	36.196	-0.078	38.684	0.099	38.694	0.099	38.719	0.081	38.719	0.081
36.210	-0.117	36.222	-0.117	36.246	-0.100	36.261	-0.073	38.732	0.045	38.743	0.014	38.753	-0.004	38.762	-0.030
36.281	-0.069	36.294	-0.052	36.305	-0.034	36.315	-0.008	38.770	-0.057	38.779	-0.070	38.791	-0.075	38.802	-0.066
36.332	0.031	36.343	0.061	36.356	0.070	36.367	0.044	38.815	-0.036	38.832	0.025	38.846	0.069	38.859	0.108
36.383	0.004	36.399	-0.049	36.414	-0.106	36.423	-0.119	38.870	0.134	38.879	0.143	38.888	0.134	38.899	0.103

38.913	0.072	38.926	0.028	38.938	-0.007	38.945	-0.021	41.256	0.007	41.267	0.024	41.281	0.041	41.290	0.050
38.957	-0.025	38.970	-0.030	38.978	-0.026	38.985	-0.017	41.302	0.058	41.313	0.053	41.324	0.027	41.339	-0.005
38.993	-0.017	39.002	-0.004	39.011	0.000	39.021	0.009	41.352	-0.022	41.364	-0.036	41.379	-0.050	41.390	-0.054
39.029	0.017	39.039	0.013	39.049	0.001	39.062	0.014	41.399	-0.064	41.408	-0.064	41.419	-0.069	41.430	-0.043
39.074	-0.018	39.087	-0.027	39.099	-0.028	39.112	-0.028	41.441	-0.034	41.453	-0.021	41.463	-0.009	41.475	-0.005
39.123	-0.028	39.126	-0.019	39.137	0.007	39.145	0.029	41.490	-0.005	41.504	0.012	41.510	0.025	41.521	0.038
39.157	0.059	39.167	0.077	39.177	0.094	39.187	0.103	41.535	0.042	41.548	0.037	41.558	0.024	41.572	-0.016
39.197	0.103	39.206	0.098	39.214	0.089	39.225	0.059	41.584	-0.039	41.595	-0.078	41.609	-0.105	41.617	-0.114
39.235	0.028	39.245	0.001	39.254	-0.029	39.263	-0.056	41.627	-0.119	41.637	-0.106	41.649	-0.093	41.662	-0.054
39.276	-0.078	39.284	-0.087	39.300	-0.082	39.315	-0.078	41.675	-0.015	41.689	0.029	41.701	0.046	41.715	0.072
39.324	-0.065	39.333	-0.043	39.345	-0.022	39.353	0.004	41.727	0.098	41.738	0.102	41.750	0.097	41.765	0.084
39.361	0.017	39.367	0.030	39.374	0.048	39.385	0.061	41.780	0.066	41.789	0.044	41.799	0.026	41.812	-0.001
39.394	0.074	39.403	0.122	39.407	0.126	39.413	0.104	41.823	-0.023	41.833	-0.032	41.842	-0.037	41.854	-0.033
39.427	0.082	39.430	0.082	39.438	0.103	39.448	0.099	41.867	-0.029	41.881	-0.016	41.893	0.001	41.908	0.018
39.453	0.081	39.466	-0.016	39.478	-0.037	39.491	-0.157	41.918	0.031	41.928	0.044	41.939	0.044	41.948	0.039
39.499	-0.192	39.506	-0.205	39.517	-0.188	39.530	-0.136	41.959	0.021	41.971	0.008	41.984	-0.002	41.991	0.003
39.546	-0.062	39.558	0.021	39.570	0.100	39.577	0.148	42.004	0.015	42.016	0.037	42.032	0.049	42.042	0.053
39.586	0.165	39.595	0.165	39.605	0.160	39.611	0.147	42.051	-0.066	42.057	0.075	42.068	0.057	42.082	0.030
39.617	0.112	39.629	0.059	39.638	0.015	39.651	-0.038	42.095	-0.005	42.109	-0.042	42.114	-0.041	42.121	-0.041
39.661	-0.069	39.669	-0.091	39.679	-0.103	39.685	-0.092	42.130	-0.037	42.141	-0.029	42.150	-0.007	42.159	0.015
39.698	-0.066	39.711	-0.053	39.723	-0.036	39.737	-0.014	42.169	0.041	42.179	0.062	42.190	0.079	42.201	0.092
39.752	-0.010	39.765	0.021	39.776	0.012	39.788	0.016	42.208	0.101	42.218	0.100	42.228	0.096	42.239	0.074
39.804	0.042	39.813	0.059	39.823	0.072	39.831	0.072	42.251	0.051	42.262	0.033	42.277	0.020	42.291	0.006
39.844	0.063	39.857	0.045	39.869	0.028	39.877	0.014	42.301	0.006	42.310	0.010	42.324	0.027	42.335	0.036
39.889	-0.016	39.900	-0.061	39.911	-0.096	39.924	-0.127	42.348	0.044	42.362	0.048	42.375	0.048	42.384	0.048
39.934	-0.143	39.941	-0.143	39.949	-0.127	39.962	-0.092	42.413	-0.006	42.441	-0.002	42.449	0.011	42.461	0.033
39.977	-0.005	39.989	0.074	40.003	0.153	40.012	0.192	42.473	0.059	42.482	0.085	42.495	0.102	42.501	0.102
40.021	0.218	40.028	0.227	40.037	0.209	40.045	0.187	42.513	0.089	42.524	0.071	42.533	0.057	42.544	0.039
40.092	-0.046	40.101	-0.072	40.110	-0.090	40.120	-0.104	42.554	0.030	42.564	0.025	42.581	0.033	42.594	0.045
40.128	-0.099	40.137	-0.086	40.145	-0.065	40.153	-0.038	42.604	0.049	42.620	0.044	42.633	0.031	42.644	0.013
40.158	-0.008	40.167	0.036	40.172	0.066	40.179	0.132	42.654	0.008	42.665	0.008	42.675	0.017	42.682	0.026
40.182	0.149	40.190	0.136	40.203	0.118	40.210	0.118	42.692	0.030	42.697	0.039	42.705	0.052	42.712	0.061
40.225	0.140	40.228	0.144	40.235	0.113	40.247	0.056	42.718	0.070	42.725	0.070				
40.259	0.008	40.273	-0.032	40.280	-0.050	40.285	-0.054								
40.294	-0.041	40.303	-0.033	40.311	-0.025	40.324	-0.038								
40.337	-0.029	40.344	-0.012	40.352	-0.016	40.362	-0.021								
40.368	-0.026	40.378	-0.008	40.390	0.009	40.397	0.013								
40.413	0.013	40.419	0.013	40.435	0.026	40.448	0.043								
40.458	0.056	40.471	0.073	40.479	0.082	40.492	0.073								
40.501	0.059	40.512	0.024	40.526	-0.011	40.542	-0.029								
40.561	-0.043	40.566	-0.043	40.574	-0.039	40.586	-0.030								
40.599	-0.022	40.613	-0.000	40.626	0.021	40.636	0.039								
40.645	0.056	40.653	0.065	40.668	0.069	40.679	0.064								
40.691	0.055	40.703	0.055	40.716	0.046	40.727	0.032								
40.743	0.023	40.754	0.023	40.762	0.023	40.775	0.036								
40.783	0.044	40.798	0.044	40.814	0.044	40.821	0.048								
40.832	0.048	40.842	0.056	40.849	0.056	40.867	0.042								
40.897	0.025	40.897	0.015	40.905	0.015	40.918	0.011								
40.931	0.010	40.942	0.006	40.960	0.014	40.977	0.014								
40.982	0.018	40.992	0.027	41.005	0.044	41.023	0.048								
41.025	0.048	41.039	0.017	41.053	0.008	41.068	-0.006								
41.079	-0.036	41.089	-0.011	41.105	-0.011	41.117	-0.007								
41.133	0.006	41.148	0.014	41.154	0.014	41.171	-0.004								
41.183	-0.022	41.192	-0.031	41.202	-0.049	41.211	-0.053								
41.219	-0.049	41.227	-0.041	41.238	-0.028	41.251	-0.002								

71.194 2/9/71 0600PST L.A. 6430 SUNSET BLVD. 1ST FL.

44105 PCINTS 44.982 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2601 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.029	0.005	0.012	0.017	0.005	0.030	0.053	2.027	0.032	2.045	-0.077	2.064	-0.166	2.081	-0.207
0.045	0.026	0.059	0.026	0.075	0.019	0.090	-0.008	2.090	-0.186	2.100	-0.159	2.114	-0.158	2.129	-0.104
0.105	-0.048	0.112	-0.082	0.124	-0.075	0.131	-0.034	2.142	-0.028	2.159	-0.021	2.171	-0.001	2.185	0.013
0.148	-0.047	0.161	-0.046	0.166	-0.033	0.173	0.002	2.201	0.082	2.216	0.137	2.234	0.110	2.254	0.057
0.179	-0.005	0.187	-0.039	0.192	-0.025	0.203	0.030	2.217	-0.038	2.285	-0.058	2.305	-0.017	2.322	-0.085
0.213	0.038	0.225	0.024	0.233	0.032	0.251	-0.029	2.339	-0.194	2.354	-0.263	2.365	-0.222	2.379	-0.195
0.260	-0.042	0.270	-0.055	0.276	-0.062	0.286	-0.047	2.388	-0.175	2.464	-0.075	2.420	0.111	2.426	-0.195
0.300	-0.081	0.305	-0.067	0.322	0.009	0.333	-0.010	2.441	0.077	2.454	-0.032	2.461	-0.032	2.469	0.008
0.349	-0.016	0.355	-0.009	0.368	0.032	0.378	0.019	2.484	-0.033	2.497	-0.026	2.508	-0.053	2.516	-0.022
0.393	-0.014	0.406	-0.034	0.415	-0.068	0.427	-0.040	2.537	-0.066	2.552	-0.126	2.564	-0.167	2.577	-0.119
0.441	-0.053	0.452	-0.093	0.469	-0.099	0.480	-0.113	2.592	-0.050	2.602	-0.051	2.619	-0.117	2.630	-0.131
0.492	-0.074	0.508	-0.071	0.519	-0.078	0.528	-0.071	2.640	-0.171	2.656	-0.048	2.667	0.013	2.675	0.041
0.539	-0.044	0.548	-0.050	0.565	0.005	0.581	0.011	2.652	0.021	2.706	0.042	2.715	0.049	2.731	0.083
0.552	0.066	0.603	0.100	0.613	0.079	0.622	0.052	2.742	0.062	2.754	0.001	2.769	0.069	2.779	0.082
0.637	0.058	0.648	-0.051	0.664	-0.031	0.676	-0.058	2.754	-0.027	2.803	-0.041	2.813	-0.048	2.825	-0.105
0.694	-0.011	0.706	-0.019	0.714	-0.005	0.728	-0.004	2.850	-0.047	2.860	-0.028	2.872	-0.034	2.892	0.041
0.742	-0.007	0.748	-0.007	0.758	-0.048	0.774	-0.054	2.906	-0.055	2.933	-0.164	2.950	-0.143	2.967	-0.068
0.788	-0.074	0.796	-0.060	0.812	-0.094	0.825	-0.086	2.975	-0.081	2.991	-0.150	3.005	-0.148	3.019	-0.141
0.837	-0.038	0.848	0.017	0.857	0.024	0.868	-0.002	3.031	-0.032	3.037	0.084	3.043	0.051	3.058	0.024
0.883	0.034	0.899	0.002	0.909	0.009	0.923	0.065	3.075	-0.072	3.093	-0.051	3.113	-0.057	3.130	-0.132
0.940	-0.028	0.955	-0.007	0.963	-0.028	0.980	0.017	3.141	-0.173	3.151	-0.104	3.159	-0.022	3.173	0.053
0.995	-0.033	1.012	-0.161	1.024	-0.154	1.040	-0.092	3.181	0.067	3.193	0.012	3.207	-0.056	3.215	-0.076
1.058	-0.084	1.067	-0.084	1.083	-0.009	1.097	0.019	3.224	-0.035	3.239	0.102	3.247	0.123	3.258	0.103
1.115	0.046	1.129	0.060	1.144	0.054	1.159	0.028	3.267	0.049	3.279	0.077	3.294	0.064	3.305	0.105
1.167	-0.042	1.182	-0.034	1.193	0.007	1.203	-0.034	3.318	0.045	3.331	-0.077	3.350	-0.110	3.355	-0.144
1.222	-0.061	1.236	-0.122	1.252	-0.054	1.269	-0.093	3.365	-0.205	3.377	-0.151	3.389	-0.129	3.401	-0.080
1.286	-0.134	1.294	-0.113	1.306	-0.126	1.316	-0.017	3.412	-0.019	3.423	-0.011	3.435	-0.044	3.448	-0.004
1.325	0.092	1.333	0.147	1.349	0.126	1.364	0.018	3.457	0.071	3.466	0.126	3.474	0.126	3.482	0.085
1.382	-0.050	1.401	0.018	1.418	0.046	1.431	-0.023	3.493	0.085	3.498	0.003	3.506	-0.120	3.512	-0.188
1.449	-0.118	1.464	-0.172	1.483	-0.152	1.499	-0.077	3.520	-0.181	3.530	-0.051	3.540	-0.078	3.550	-0.119
1.514	0.012	1.528	-0.043	1.537	-0.063	1.550	0.005	3.561	0.091	3.571	-0.031	3.581	-0.012	3.591	0.009
1.563	0.080	1.576	0.108	1.589	0.190	1.602	0.088	3.600	0.002	3.611	-0.060	3.625	-0.012	3.637	-0.005
1.608	0.027	1.625	-0.068	1.639	-0.129	1.653	-0.115	3.645	-0.033	3.653	-0.073	3.674	-0.155	3.680	-0.114
1.666	-0.114	1.685	-0.181	1.701	-0.119	1.715	-0.159	3.689	-0.005	3.700	0.058	3.710	0.200	3.718	0.207
1.721	-0.132	1.737	-0.029	1.746	0.054	1.756	0.082	3.723	0.180	3.732	0.058	3.742	0.058	3.754	-0.065
1.767	0.035	1.783	0.158	1.796	0.111	1.804	0.111	3.766	-0.105	3.779	-0.037	3.792	0.024	3.804	0.045
1.822	-0.004	1.840	-0.010	1.855	-0.126	1.875	-0.159	3.816	0.120	3.821	0.127	3.828	0.066	3.842	0.045
1.886	-0.186	1.898	-0.179	1.909	-0.227	1.927	-0.172	3.856	0.031	3.872	-0.017	3.882	-0.024	3.894	-0.051
1.938	-0.063	1.950	0.127	1.954	0.182	1.968	0.243	3.905	-0.051	3.918	-0.113	3.934	-0.059	3.947	-0.052
1.979	0.250	1.990	0.209	2.002	0.182	2.011	0.100	3.952	0.002	3.979	0.069	3.993	-0.069	4.003	0.054

4.014	0.041	4.026	-0.035	4.046	-0.110	4.060	-0.110	6.378	-0.903	6.390	-0.889	6.357	-0.814	6.404	-0.786
4.072	-0.110	4.081	-0.151	4.092	-0.227	4.107	-0.247	6.412	-0.684	6.418	-0.555	6.428	-0.364	6.438	-0.091
4.122	-0.200	4.134	-0.084	4.138	-0.064	4.151	-0.085	6.448	0.264	6.458	0.604	6.468	0.932	6.477	1.055
4.162	-0.092	4.175	-0.112	4.187	-0.065	4.195	-0.085	6.488	1.225	6.491	1.245	6.499	1.123	6.507	0.864
4.208	-0.154	4.220	-0.140	4.230	-0.155	4.248	-0.106	6.516	0.394	6.526	-0.021	6.533	-0.362	6.537	-0.512
4.258	-0.058	4.273	0.051	4.288	0.057	4.297	0.030	6.545	-0.634	6.554	-0.771	6.568	-0.648	6.578	-0.450
4.310	-0.072	4.318	-0.133	4.334	-0.146	4.343	-0.159	6.550	-0.238	6.557	0.069	6.610	-0.109	6.623	-0.279
4.350	-0.132	4.364	-0.145	4.375	-0.124	4.386	-0.083	6.634	-0.476	6.638	-0.510	6.648	-0.326	6.656	-0.244
4.397	-0.103	4.407	-0.178	4.416	-0.191	4.428	-0.109	6.667	0.185	6.671	0.336	6.675	0.526	6.682	0.976
4.437	-0.034	4.446	0.013	4.460	0.027	4.474	0.027	6.687	1.017	6.694	1.207	6.698	1.248	6.701	1.214
4.485	-0.068	4.495	-0.137	4.501	-0.150	4.517	-0.062	6.713	0.914	6.721	0.421	6.730	0.001	6.735	-0.456
4.532	-0.021	4.545	0.013	4.555	-0.015	4.563	-0.131	6.748	-0.958	6.751	-1.056	6.759	-1.218	6.764	-1.218
4.574	-0.219	4.584	-0.240	4.590	-0.199	4.600	-0.111	6.772	-1.068	6.780	-0.850	6.788	-0.510	6.796	-0.189
4.607	-0.043	4.619	0.012	4.628	0.059	4.643	0.053	6.802	-0.032	6.805	0.118	6.814	0.138	6.825	0.063
4.652	-0.029	4.660	-0.029	4.668	0.074	4.676	0.115	6.836	-0.339	6.843	-0.468	6.845	-0.406	6.853	-0.440
4.686	0.088	4.701	0.108	4.713	0.190	4.723	0.272	6.865	-0.760	6.870	-0.883	6.875	-0.890	6.883	-1.019
4.731	0.300	4.740	0.245	4.752	0.150	4.765	0.035	6.892	-0.910	6.900	-0.821	6.908	-0.528	6.916	-0.180
4.773	-0.040	4.786	-0.013	4.794	-0.062	4.803	-0.163	6.920	-0.065	6.930	0.160	6.940	0.801	6.942	0.890
4.812	0.042	4.821	-0.047	4.836	-0.135	4.844	-0.163	6.951	0.481	6.961	0.910	6.968	0.529	6.976	0.611
4.853	-0.088	4.865	0.028	4.877	0.177	4.885	0.204	6.981	0.441	6.986	0.148	6.990	0.454	6.995	0.495
4.895	0.157	4.915	0.055	4.929	0.034	4.941	-0.021	7.000	0.420	7.007	0.707	7.011	0.795	7.017	0.754
4.952	0.006	4.964	0.081	4.974	0.061	4.987	0.021	7.025	1.054	7.032	0.863	7.040	0.993	7.047	0.754
4.956	-0.089	5.007	-0.103	5.018	-0.164	5.028	-0.089	7.051	0.134	7.055	0.161	7.063	0.598	7.072	0.672
5.038	-0.054	5.047	-0.041	5.057	0.034	5.067	0.041	7.080	0.516	7.087	0.563	7.093	0.427	7.101	0.448
5.077	0.035	5.084	0.048	5.095	0.021	5.111	-0.053	7.108	0.257	7.115	-0.036	7.121	-0.036	7.128	-0.131
5.125	-0.162	5.138	-0.115	5.153	-0.054	5.163	-0.013	7.137	-0.417	7.145	-0.479	7.153	-0.608	7.159	-0.656
5.172	-0.034	5.185	-0.088	5.199	-0.163	5.213	-0.150	7.168	-0.751	7.181	-0.737	7.187	-0.710	7.201	-0.682
5.217	-0.190	5.227	-0.191	5.246	-0.205	5.258	-0.151	7.208	-0.662	7.220	-0.682	7.228	-0.709	7.237	-0.627
5.270	-0.158	5.284	-0.213	5.295	-0.166	5.305	-0.050	7.242	-0.518	7.252	-0.266	7.264	-0.122	7.275	-0.095
5.313	0.120	5.316	0.161	5.327	0.201	5.339	0.269	7.289	-0.422	7.297	0.137	7.301	-0.203	7.305	-0.306
5.349	0.392	5.366	0.494	5.366	0.521	5.383	0.521	7.308	-0.271	7.313	0.117	7.315	0.151	7.323	0.049
5.392	0.466	5.400	0.255	5.406	0.132	5.415	0.036	7.326	0.621	7.331	0.717	7.336	0.294	7.340	0.226
5.421	-0.052	5.433	-0.107	5.443	-0.264	5.454	-0.393	7.344	0.240	7.348	0.649	7.357	0.383	7.365	0.061
5.457	-0.528	5.464	-0.537	5.473	-0.639	5.484	-0.700	7.374	0.349	7.382	0.369	7.394	0.035	7.400	0.069
5.494	-0.687	5.501	-0.639	5.514	-0.489	5.521	-0.386	7.406	-0.169	7.410	-0.121	7.418	-0.237	7.422	-0.298
5.532	-0.339	5.542	-0.086	5.553	0.275	5.557	0.398	7.430	-0.135	7.435	-0.163	7.442	-0.026	7.450	0.063
5.567	0.341	5.579	0.548	5.591	0.405	5.602	0.255	7.456	0.151	7.464	0.152	7.472	0.288	7.478	0.281
5.608	0.194	5.617	-0.058	5.628	-0.085	5.638	-0.303	7.485	0.261	7.495	0.023	7.502	-0.216	7.512	-0.618
5.646	-0.473	5.650	-0.637	5.657	-0.786	5.663	-0.814	7.521	-0.853	7.526	-0.565	7.535	-0.944	7.542	-0.794
5.672	-0.943	5.678	-1.031	5.685	-1.161	5.689	-1.174	7.553	-0.454	7.564	-0.147	7.571	0.058	7.580	0.140
5.694	-1.304	5.697	-1.324	5.702	-1.283	5.708	-1.011	7.583	0.140	7.587	0.467	7.594	0.167	7.600	0.154
5.714	-0.124	5.726	0.127	5.734	0.911	5.751	0.713	7.602	0.052	7.606	0.106	7.613	0.018	7.618	0.011
5.766	0.577	5.778	0.407	5.791	0.325	5.805	0.284	7.625	0.072	7.631	-0.036	7.639	-0.050	7.645	-0.254
5.812	0.141	5.823	0.059	5.833	-0.002	5.845	-0.087	7.656	-0.288	7.662	-0.418	7.674	-0.254	7.683	0.005
5.855	0.134	5.865	0.094	5.874	0.005	5.884	-0.185	7.693	0.271	7.701	0.313	7.707	0.442	7.714	0.449
5.855	-0.362	5.916	-0.239	5.925	0.067	5.938	0.313	7.721	0.374	7.733	0.251	7.742	0.892	7.748	0.190
5.951	0.381	5.969	0.286	5.984	0.136	5.998	-0.020	7.757	0.327	7.766	0.136	7.774	0.096	7.782	-0.306
6.008	-0.266	6.018	-0.449	6.025	-0.613	6.034	-0.756	7.787	-0.347	7.796	-0.687	7.800	-0.871	7.803	-0.871
6.042	-0.810	6.050	-0.919	6.061	-0.946	6.075	-0.776	7.805	-1.151	7.814	-1.123	7.818	-1.157	7.827	-1.116
6.088	-0.503	6.102	-0.162	6.108	0.056	6.124	0.117	7.832	-0.998	7.839	-0.768	7.844	-0.700	7.847	-0.550
6.140	0.151	6.161	0.233	6.186	0.349	6.202	0.417	7.852	-0.522	7.857	-0.331	7.863	-0.359	7.870	-0.392
6.212	0.506	6.226	0.662	6.238	0.663	6.253	0.663	7.873	-0.345	7.879	-0.385	7.886	-0.249	7.891	-0.242
6.248	0.451	6.257	0.077	6.265	-0.311	6.268	-0.386	7.900	-0.194	7.907	-0.194	7.912	-0.344	7.921	-0.330
6.278	-0.468	6.288	-0.345	6.293	-0.284	6.302	-0.134	7.930	-0.486	7.936	-0.520	7.942	-0.602	7.949	-0.622
6.312	-0.052	6.321	-0.168	6.329	-0.413	6.337	-0.617	7.955	-0.601	7.967	-0.620	7.977	-0.621	7.986	-0.607
6.341	-0.692	6.354	-0.746	6.367	-0.787	6.372	-0.814	7.989	-0.573	7.998	-0.546	8.003	-0.362	8.013	-0.457

8.018	-0.320	8.022	-0.184	8.030	-0.156	8.037	0.334	10.649	-1.032	10.660	-1.232	10.671	-1.646	10.681	-1.802
8.040	0.213	8.045	0.403	8.049	0.341	8.056	0.628	10.699	-1.919	10.710	-1.899	10.720	-1.722	10.729	-1.348
8.063	0.656	8.072	1.126	8.082	0.601	8.090	0.554	10.745	-0.580	10.763	-0.736	10.781	-0.648	10.792	-0.580
8.096	-0.046	8.093	-0.100	8.104	-0.563	8.108	-0.636	10.800	-0.430	10.808	-0.287	10.816	-0.241	10.829	-0.241
8.112	-0.912	8.117	-1.013	8.122	-1.150	8.127	-1.244	10.841	-0.364	10.842	-0.466	10.862	-0.460	10.871	-0.331
8.131	-1.333	8.134	-1.292	8.138	-1.326	8.148	-1.046	10.882	-0.126	10.890	0.119	10.903	0.364	10.910	0.486
8.156	-0.787	8.163	-0.399	8.171	-0.119	8.178	0.140	10.924	0.320	10.938	0.466	10.955	0.383	10.971	0.369
8.184	0.338	8.192	0.542	8.197	0.631	8.208	0.917	10.979	0.322	10.989	0.131	11.000	-0.107	11.012	-0.311
8.214	0.585	8.221	1.163	8.228	1.190	8.238	1.204	11.023	-0.447	11.038	-0.365	11.055	-0.229	11.074	-0.147
8.339	0.701	8.361	0.585	8.377	0.457	8.387	0.396	11.093	-0.119	11.107	-0.003	11.121	0.181	11.133	0.400
8.357	0.083	8.406	-0.224	8.418	-0.502	8.433	-0.754	11.144	0.850	11.156	0.666	11.166	0.945	11.171	1.007
8.458	-0.542	8.477	-0.289	8.500	0.040	8.522	0.314	11.177	0.850	11.185	0.666	11.195	0.455	11.207	0.183
8.535	0.499	8.553	0.439	8.572	0.379	8.586	0.299	11.218	-0.062	11.233	-0.280	11.249	-0.450	11.267	-0.532
8.599	0.170	8.609	0.103	8.625	0.172	8.636	0.255	11.286	-0.572	11.304	-0.579	11.320	-0.531	11.331	-0.456
8.644	0.303	8.656	0.209	8.668	-0.295	8.677	-0.723	11.346	0.292	11.364	0.101	11.373	0.008	11.393	0.104
8.686	-1.234	8.697	-1.573	8.705	-1.661	8.715	-1.443	11.412	0.138	11.431	0.083	11.448	-0.046	11.459	-0.237
8.725	-1.000	8.733	-0.461	8.741	-0.039	8.752	0.289	11.471	-0.421	11.488	-0.700	11.501	-0.972	11.515	-1.128
8.768	0.364	8.783	0.358	8.793	0.249	8.801	0.209	11.527	-1.141	11.538	-1.039	11.547	-0.847	11.555	-0.595
8.813	0.079	8.824	-0.104	8.833	-0.343	8.842	-0.581	11.565	-0.322	11.578	-0.056	11.588	0.176	11.596	0.340
8.852	-0.806	8.862	-0.962	8.869	-0.956	8.879	-0.839	11.607	0.464	11.627	0.533	11.639	0.479	11.656	0.479
8.887	-0.621	8.897	-0.348	8.906	-0.042	8.916	0.183	11.670	0.453	11.681	0.419	11.690	0.426	11.701	0.358
8.920	0.157	8.931	0.279	8.940	0.239	8.954	0.423	11.717	0.225	11.730	0.099	11.741	0.018	11.761	0.011
8.972	0.526	8.984	0.417	8.994	0.179	9.015	-0.127	11.773	0.066	11.784	0.052	11.797	-0.063	11.807	-0.186
9.028	-0.379	9.044	-0.542	9.056	-0.589	9.066	-0.493	11.823	-0.295	11.839	-0.390	11.852	-0.431	11.870	-0.425
9.079	-0.186	9.088	0.087	9.098	0.237	9.103	0.312	11.884	-0.459	11.901	-0.425	11.914	-0.254	11.927	-0.086
9.113	0.272	9.125	0.163	9.138	0.055	9.150	0.321	11.934	0.339	11.943	0.502	11.953	0.543	11.964	0.475
9.143	0.546	9.179	0.745	9.191	0.847	9.210	0.869	11.974	0.311	11.983	0.141	11.995	-0.104	12.007	-0.369
9.230	0.734	9.240	0.762	9.253	0.647	9.266	0.430	12.023	-0.450	12.038	-0.504	12.055	-0.497	12.067	-0.538
9.215	0.253	9.283	0.077	9.299	-0.093	9.310	-0.085	12.079	-0.632	12.092	-0.618	12.102	-0.549	12.112	-0.358
9.318	0.025	9.327	0.250	9.336	0.544	9.342	0.769	12.120	-0.052	12.129	0.127	12.140	0.393	12.151	0.564
9.355	0.899	9.371	1.023	9.385	0.969	9.398	0.725	12.170	0.607	12.181	0.546	12.193	0.451	12.204	0.404
9.408	0.507	9.419	0.419	9.431	0.413	9.435	0.640	12.213	0.439	12.225	0.535	12.239	0.591	12.253	0.660
9.447	0.687	9.457	0.745	9.466	0.742	9.478	0.640	12.261	0.735	12.269	0.818	12.282	0.873	12.292	0.921
9.486	0.457	9.493	0.239	9.499	0.014	9.511	-0.293	12.305	0.936	12.318	0.903	12.331	0.788	12.336	0.740
9.515	-0.456	9.525	-0.694	9.535	-0.994	9.541	-1.410	12.343	0.591	12.351	0.435	12.360	0.244	12.371	0.041
9.548	-1.137	9.563	-0.844	9.581	-0.564	9.596	-0.189	12.383	-0.177	12.393	-0.339	12.403	-0.421	12.417	-0.454
9.609	0.125	9.626	0.288	9.645	0.418	9.662	0.521	12.436	-0.459	12.453	-0.458	12.467	-0.362	12.480	-0.184
9.677	0.589	9.689	0.521	9.703	0.378	9.715	0.208	12.495	-0.089	12.510	-0.157	12.523	-0.320	12.536	-0.401
9.733	0.045	9.747	-0.118	9.761	-0.295	9.772	-0.520	12.553	-0.509	12.572	-0.550	12.587	-0.495	12.603	-0.379
9.764	-0.717	9.797	-0.826	9.813	-0.730	9.830	-0.594	12.619	-0.378	12.631	-0.426	12.648	-0.534	12.661	-0.534
9.842	-0.464	9.853	-0.287	9.861	-0.198	9.877	-0.096	12.675	-0.424	12.687	-0.153	12.693	-0.118	12.704	-0.043
9.890	-0.068	9.901	-0.109	9.912	-0.190	9.926	-0.299	12.720	0.087	12.726	0.054	12.736	0.087	12.746	-0.015
9.938	-0.422	9.951	-0.531	9.958	-0.564	9.970	-0.448	12.757	-0.110	12.767	-0.226	12.785	-0.233	12.794	-0.185
9.980	-0.278	9.987	-0.060	9.998	0.138	10.013	0.274	12.799	-0.158	12.806	-0.117	12.813	-0.062	12.818	-0.014
10.024	0.410	10.036	0.383	10.056	0.342	10.071	0.417	12.823	0.017	12.829	0.054	12.839	0.108	12.848	0.156
10.090	0.465	10.105	0.438	10.120	0.404	10.134	0.255	12.856	0.177	12.865	0.170	12.873	0.143	12.883	0.109
10.146	0.098	10.163	-0.031	10.182	-0.119	10.204	-0.213	12.890	0.041	12.901	-0.061	12.908	-0.217	12.916	-0.333
10.222	-0.321	10.241	-0.416	10.259	-0.368	10.275	-0.210	12.922	-0.456	12.936	-0.571	12.941	-0.680	12.950	-0.762
10.296	0.030	10.319	0.290	10.333	0.454	10.350	0.639	12.959	-0.789	12.968	-0.802	12.978	-0.785	12.985	-0.747
10.370	0.775	10.390	0.932	10.408	1.076	10.424	1.028	12.993	-0.672	13.004	-0.618	13.017	-0.536	13.028	-0.413
10.438	0.885	10.452	0.767	10.465	0.448	10.472	0.189	13.040	-0.229	13.048	-0.065	13.055	0.133	13.060	0.255
10.484	-0.091	10.490	-0.235	10.497	-0.276	10.504	-0.215	13.067	0.344	13.074	0.359	13.082	0.453	13.090	0.494
10.516	0.037	10.522	0.255	10.528	0.392	10.539	0.501	13.101	0.455	13.110	0.568	13.121	0.556	13.129	0.604
10.549	0.562	10.558	0.448	10.569	0.256	10.585	0.071	13.138	0.693	13.142	0.741	13.149	0.782	13.159	0.809
10.601	-0.120	10.614	-0.303	10.627	-0.515	10.638	-0.767	13.164	0.782	13.169	0.727	13.176	0.632	13.185	0.496
								13.192	0.428	13.196	0.401	13.209	0.381	13.218	0.374

13.226	0.354	13.235	0.293	13.243	0.190	13.252	0.116	15.313	0.009	15.320	-0.018	15.326	-0.052	15.333	-0.092
13.260	0.082	13.266	0.075	13.274	0.089	13.285	0.143	15.339	-0.113	15.348	-0.119	15.354	-0.119	15.362	-0.092
13.291	0.171	13.298	0.150	13.306	0.055	13.317	-0.055	15.369	-0.077	15.380	-0.044	15.394	-0.050	15.400	-0.057
13.325	-0.183	13.332	-0.231	13.340	-0.251	13.350	-0.230	15.410	-0.064	15.430	-0.077	15.446	-0.029	15.453	-0.040
13.362	-0.169	13.378	-0.080	13.392	0.009	13.400	0.084	15.449	0.088	15.457	0.142	15.466	0.183	15.473	0.211
13.408	0.138	13.418	0.173	13.432	0.227	13.446	0.253	15.485	0.211	15.492	0.158	15.500	0.212	15.512	0.246
13.456	0.323	13.466	0.391	13.474	0.433	13.484	0.475	15.522	0.253	15.534	0.253	15.539	0.240	15.550	0.213
13.490	0.446	13.498	0.406	13.512	0.345	13.518	0.338	15.558	0.165	15.566	-0.111	15.576	0.036	15.585	-0.072
13.528	0.338	13.536	0.365	13.546	0.420	13.554	0.434	15.593	-0.120	15.601	-0.161	15.609	-0.195	15.614	-0.201
13.565	0.414	13.570	0.373	13.578	0.298	13.588	0.141	15.625	-0.160	15.635	-0.133	15.643	-0.092	15.661	-0.044
13.597	0.053	13.608	-0.035	13.613	-0.083	13.624	-0.090	15.669	-0.051	15.674	-0.051	15.685	-0.051	15.694	-0.017
13.635	-0.069	13.648	-0.076	13.658	-0.096	13.663	-0.130	15.701	0.065	15.715	0.120	15.723	0.147	15.731	0.202
13.682	-0.198	13.697	-0.163	13.711	-0.095	13.721	-0.040	15.737	0.222	15.742	0.222	15.746	0.222	15.754	0.229
13.735	0.062	13.747	0.110	13.760	0.131	13.771	0.165	15.761	0.161	15.765	0.113	15.773	0.086	15.783	0.073
13.782	0.227	13.788	0.288	13.795	0.343	13.803	0.363	15.791	0.046	15.799	0.025	15.811	-0.022	15.823	-0.097
13.811	0.363	13.817	0.370	13.826	0.391	13.832	0.358	15.836	-0.138	15.849	-0.165	15.861	-0.186	15.867	-0.172
13.840	0.391	13.845	0.398	13.852	0.351	13.858	0.283	15.875	-0.145	15.889	-0.063	15.900	0.006	15.908	0.081
13.865	0.187	13.879	0.085	13.888	0.072	13.899	0.058	15.916	0.156	15.924	0.210	15.937	0.231	15.947	0.265
13.913	0.086	13.924	0.107	13.935	0.080	13.945	0.032	15.956	0.252	15.966	0.212	15.986	0.245	15.995	0.245
13.955	-0.002	13.961	-0.090	13.968	-0.185	13.977	-0.301	16.007	0.259	16.018	0.252	16.026	0.286	16.036	0.321
13.984	-0.403	13.991	-0.485	13.997	-0.526	14.005	-0.539	16.046	0.335	16.056	0.369	16.065	0.396	16.071	0.397
14.020	-0.532	14.032	-0.525	14.045	-0.504	14.053	-0.470	16.085	0.376	16.093	0.336	16.100	0.275	16.105	0.220
14.064	-0.415	14.077	-0.312	14.088	-0.203	14.099	-0.087	16.112	0.173	16.119	0.118	16.127	0.085	16.135	0.058
14.111	0.056	14.121	0.186	14.125	0.234	14.139	0.268	16.142	0.044	16.151	0.044	16.161	0.045	16.169	0.038
14.141	0.282	14.153	0.282	14.169	0.283	14.180	0.283	16.174	0.018	16.183	-0.009	16.193	-0.016	16.202	-0.009
14.189	0.270	14.199	0.256	14.206	0.222	14.215	0.141	16.210	0.025	16.220	0.039	16.227	0.067	16.235	0.108
14.224	0.046	14.233	-0.077	14.243	-0.178	14.253	-0.280	16.244	0.170	16.252	0.211	16.259	0.238	16.266	0.259
14.262	-0.375	14.271	-0.436	14.278	-0.463	14.284	-0.470	16.271	0.259	16.279	0.239	16.289	0.219	16.297	0.206
14.293	-0.442	14.301	-0.381	14.312	-0.353	14.324	-0.305	16.307	0.199	16.315	0.206	16.326	0.234	16.332	0.282
14.343	-0.195	14.349	-0.141	14.357	-0.066	14.361	0.105	16.341	0.343	16.352	0.378	16.361	0.335	16.369	0.365
14.367	0.207	14.375	0.283	14.381	0.371	14.390	0.413	16.379	0.324	16.388	0.263	16.395	0.209	16.401	0.148
14.398	0.406	14.405	0.399	14.415	0.373	14.421	0.318	16.408	0.087	16.417	0.046	16.424	-0.008	16.434	-0.069
14.428	0.244	14.435	0.189	14.441	0.142	14.447	0.115	16.447	-0.123	16.456	-0.150	16.467	-0.170	16.479	-0.177
14.454	0.101	14.460	0.108	14.465	0.149	14.474	0.177	16.488	-0.169	16.499	-0.153	16.508	-0.196	16.518	-0.189
14.482	0.225	14.492	0.239	14.499	0.239	14.505	0.205	16.525	-0.168	16.532	-0.100	16.540	-0.004	16.548	0.085
14.515	0.192	14.521	0.172	14.537	0.200	14.546	0.295	16.558	0.153	16.567	0.208	16.577	0.236	16.583	0.243
14.556	0.309	14.570	0.303	14.580	0.324	14.591	0.311	16.590	0.216	16.600	0.168	16.610	0.073	16.621	0.006
14.596	0.256	14.605	0.222	14.615	0.209	14.625	0.223	16.629	-0.062	16.642	-0.082	16.649	-0.068	16.661	-0.007
14.636	0.244	14.643	0.272	14.651	0.265	14.656	0.286	16.675	0.082	16.685	0.137	16.696	0.185	16.705	0.206
14.664	0.320	14.681	0.355	14.691	0.348	14.699	0.348	16.716	0.227	16.729	0.207	16.741	0.180	16.752	0.160
14.704	0.355	14.714	0.376	14.721	0.383	14.730	0.370	16.765	0.160	16.776	0.087	16.788	0.053	16.801	0.033
14.740	0.336	14.746	0.316	14.753	0.289	14.759	0.248	16.808	0.134	16.817	0.087	16.827	0.053	16.834	0.033
14.768	0.235	14.777	0.194	14.785	0.161	14.792	0.113	16.841	0.033	16.852	0.061	16.865	0.089	16.876	0.109
14.800	0.066	14.806	-0.009	14.815	-0.077	14.824	-0.193	16.888	0.110	16.895	-0.054	16.913	0.077	16.925	0.036
14.835	-0.308	14.848	-0.417	14.857	-0.478	14.869	-0.546	16.929	-0.062	16.948	-0.066	16.958	-0.033	16.968	-0.167
14.881	-0.579	14.898	-0.606	14.898	-0.640	14.911	-0.633	16.981	-0.207	16.988	-0.214	17.001	-0.200	17.007	-0.145
14.922	-0.619	14.931	-0.626	14.942	-0.639	14.957	-0.624	17.016	-0.070	17.026	-0.036	17.034	-0.022	17.042	-0.042
14.961	-0.632	14.970	-0.638	14.978	-0.631	14.987	-0.624	17.055	-0.067	17.064	-0.089	17.070	-0.088	17.082	-0.068
14.995	-0.624	15.006	-0.610	15.016	-0.590	15.027	-0.535	17.094	-0.026	17.103	-0.066	17.113	-0.019	17.122	-0.046
15.037	-0.514	15.045	-0.453	15.050	-0.446	15.058	-0.419	17.130	-0.093	17.134	-0.134	17.149	-0.168	17.156	-0.188
15.063	-0.391	15.071	-0.364	15.081	-0.357	15.090	-0.384	17.165	-0.194	17.176	-0.201	17.184	-0.200	17.191	-0.227
15.096	-0.438	15.102	-0.486	15.112	-0.540	15.124	-0.567	17.200	-0.241	17.211	-0.254	17.220	-0.260	17.231	-0.253
15.136	-0.588	15.146	-0.539	15.162	-0.539	15.172	-0.485	17.238	-0.039	17.248	-0.025	17.263	-0.130	17.271	-0.054
15.185	-0.423	15.194	-0.341	15.204	-0.259	15.214	-0.225	17.282	-0.006	17.293	0.083	17.305	0.158	17.316	0.206
15.227	-0.170	15.240	-0.103	15.249	-0.067	15.260	-0.047	17.326	0.241	17.336	0.255	17.345	0.228	17.356	0.194
15.273	-0.033	15.282	-0.012	15.293	-0.009	15.303	-0.023	17.365	0.140	17.375	0.065	17.382	-0.016	17.397	-0.078

17.395	-0.139	17.404	-0.227	17.412	-0.281	17.417	-0.336	17.557	-0.047	19.566	-0.027	19.577	-0.020	19.587	-0.020
17.425	-0.356	17.431	-0.356	17.441	-0.335	17.450	-0.301	19.595	-0.034	19.602	-0.055	19.609	-0.068	19.619	-0.068
17.457	-0.239	17.465	-0.157	17.473	-0.089	17.479	-0.048	19.628	-0.055	19.636	-0.021	19.644	-0.027	19.653	-0.088
17.487	-0.027	17.455	-0.034	17.501	-0.029	17.507	-0.048	19.661	0.156	19.671	0.224	19.679	0.278	19.687	0.333
17.515	-0.170	17.521	-0.224	17.529	-0.299	17.537	-0.353	19.696	0.381	19.705	0.401	19.711	0.408	19.718	0.394
17.545	-0.387	17.551	-0.400	17.561	-0.387	17.573	-0.332	19.724	0.353	19.732	0.292	19.739	0.251	19.743	0.156
17.585	-0.263	17.594	-0.209	17.602	-0.114	17.608	-0.161	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.616	-0.160	17.626	-0.181	17.634	-0.208	17.645	-0.118	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.654	-0.235	17.666	-0.214	17.679	-0.160	17.690	-0.118	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.699	-0.084	17.709	-0.070	17.719	-0.077	17.727	-0.104	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.733	-0.138	17.745	-0.165	17.756	-0.172	17.765	-0.158	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.775	-0.097	17.787	-0.028	17.797	0.040	17.809	0.095	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.820	-0.129	17.832	-0.170	17.842	-0.204	17.854	0.238	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.864	0.245	17.871	0.218	17.879	0.184	17.887	0.130	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.894	0.041	17.904	-0.027	17.914	-0.101	17.925	-0.163	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.936	-0.203	17.948	-0.251	17.958	-0.285	17.968	-0.305	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
17.980	-0.318	17.993	-0.325	18.005	-0.325	18.015	-0.311	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.027	-0.270	18.035	-0.222	18.045	-0.201	18.055	-0.201	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.064	-0.215	18.074	-0.228	18.082	-0.235	18.091	-0.207	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.101	-0.132	18.113	-0.023	18.123	0.059	18.134	0.128	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.145	0.189	18.161	0.217	18.166	0.231	18.172	0.157	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.181	0.136	18.190	0.061	18.201	0.007	18.212	-0.020	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.223	-0.020	18.231	-0.020	18.241	-0.006	18.250	0.022	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.260	0.083	18.273	0.131	18.281	0.213	18.288	0.268	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.258	0.316	18.309	0.371	18.319	0.426	18.329	0.447	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.341	0.461	18.352	0.441	18.358	0.414	18.365	0.366	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.373	0.332	18.383	0.312	18.390	0.313	18.400	0.320	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.414	0.361	18.427	0.382	18.438	0.389	18.446	0.383	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.454	0.349	18.462	0.301	18.469	0.240	18.479	0.165	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.485	0.124	18.492	0.097	18.501	0.091	18.514	0.098	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.524	0.105	18.534	0.105	18.545	0.078	18.558	0.030	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.570	-0.017	18.583	-0.085	18.593	-0.133	18.603	-0.146	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.611	-0.135	18.623	-0.105	18.637	-0.071	18.652	-0.050	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.665	-0.036	18.674	-0.030	18.681	0.018	18.693	0.066	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.705	0.161	18.715	0.208	18.724	0.242	18.734	0.269	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.739	0.262	18.750	0.228	18.761	0.187	18.770	0.153	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.781	0.112	18.753	0.084	18.801	0.016	18.810	-0.025	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.822	-0.053	18.831	-0.053	18.843	-0.033	18.855	-0.012	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.863	-0.019	18.875	-0.040	18.887	-0.054	18.895	-0.054	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.905	-0.014	18.913	0.041	18.921	0.102	18.929	0.170	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.937	0.210	18.947	0.224	18.953	0.203	18.961	0.162	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
18.970	0.121	18.981	0.107	18.993	0.100	19.001	0.120	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.011	0.140	19.022	0.120	19.030	0.078	19.038	0.031	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.049	-0.045	19.060	-0.066	19.073	-0.106	19.086	-0.133	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.100	-0.154	19.107	-0.174	19.119	-0.229	19.131	-0.283	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.142	-0.250	19.153	-0.263	19.159	-0.155	19.169	-0.099	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.177	-0.017	19.185	0.030	19.192	0.044	19.204	0.023	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.209	-0.024	19.218	-0.065	19.228	-0.106	19.237	-0.126	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.248	-0.140	19.258	-0.147	19.268	-0.147	19.274	-0.140	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.282	-0.120	19.289	-0.086	19.298	-0.058	19.308	-0.045	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.319	-0.045	19.332	-0.045	19.341	-0.045	19.353	-0.058	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.363	-0.079	19.373	-0.066	19.384	-0.092	19.397	-0.065	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.406	-0.031	19.415	0.010	19.426	0.064	19.436	0.105	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.444	0.146	19.453	0.166	19.459	0.166	19.471	0.159	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.479	0.125	19.487	0.084	19.499	0.043	19.509	0.002	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015
19.518	-0.033	19.528	-0.046	19.537	-0.053	19.546	-0.054	19.768	-0.070	19.770	0.073	19.776	0.039	19.782	-0.015

21.581	-0.006	21.592	-0.013	21.602	-0.034	21.612	-0.048	23.935	C.117	23.950	C.064	23.963	C.071	23.977	0.078
21.623	-0.041	21.631	-0.028	21.640	-0.021	21.652	-0.007	23.994	0.099	24.005	0.120	24.019	C.141	24.032	0.155
21.662	-0.001	21.678	-0.008	21.678	-0.021	21.684	-0.035	24.049	0.170	24.061	C.177	24.075	C.164	24.086	0.124
21.654	-0.056	21.705	-0.090	21.713	-0.103	21.723	-0.110	24.097	0.063	24.105	0.029	24.116	-0.025	24.125	-0.072
21.732	-0.110	21.744	-0.097	21.759	-0.090	21.772	-0.077	24.135	-0.119	24.145	-0.153	24.157	-0.166	24.168	-0.179
21.785	-0.084	21.799	-0.084	21.810	-0.077	21.822	-0.050	24.175	-0.179	24.187	-0.178	24.199	-0.178	24.212	-0.163
21.832	-0.043	21.844	-0.043	21.855	-0.029	21.866	-0.009	24.223	-0.142	24.232	-0.121	24.244	-0.100	24.255	-0.107
21.877	0.019	21.885	0.060	21.893	0.101	21.903	0.142	24.266	-0.120	24.277	-0.126	24.288	-0.118	24.298	-0.104
21.914	0.189	21.922	0.217	21.932	0.230	21.941	0.224	24.311	-0.090	24.319	-0.096	24.329	-0.123	24.342	-0.163
21.950	0.203	21.957	0.162	21.965	0.108	21.973	0.060	24.353	-0.182	24.361	-0.189	24.370	-0.168	24.381	-0.119
21.980	0.013	21.988	-0.028	21.997	-0.055	22.006	-0.069	24.391	-0.057	24.405	C.005	24.417	C.026	24.429	0.041
22.017	-0.082	22.025	-0.089	22.034	-0.109	22.043	-0.123	24.440	C.014	24.450	-0.026	24.463	-0.073	24.475	-0.079
22.053	-0.150	22.065	-0.171	22.073	-0.191	22.081	-0.204	24.489	-0.078	24.502	-0.064	24.516	-0.110	24.530	-0.130
22.091	-0.218	22.103	-0.224	22.113	-0.217	22.123	-0.224	24.543	-0.150	24.556	-0.176	24.567	-0.196	24.579	-0.216
22.131	-0.244	22.140	-0.257	22.150	-0.264	22.158	-0.236	24.593	-0.222	24.608	-0.207	24.620	-0.172	24.633	-0.164
22.171	-0.188	22.182	-0.134	22.195	-0.092	22.206	-0.058	24.646	-0.116	24.658	-0.082	24.669	-0.067	24.685	-0.053
22.219	-0.030	22.231	-0.010	22.239	-0.023	22.252	-0.043	24.704	-0.065	24.718	-0.058	24.724	-0.037	24.737	0.011
22.260	-0.057	22.267	-0.056	22.274	-0.056	22.282	-0.042	24.745	0.045	24.756	0.059	24.770	0.053	24.785	0.040
22.328	0.075	22.337	0.103	22.348	0.110	22.361	0.103	24.801	0.033	24.814	0.020	24.828	C.000	24.842	0.007
22.371	0.070	22.378	0.036	22.385	-0.005	22.393	-0.005	24.851	-0.021	24.865	-0.029	24.874	C.022	24.884	-0.019
22.402	-0.011	22.409	0.003	22.418	0.037	22.426	0.078	24.894	-0.059	24.904	-0.053	24.920	-0.106	24.932	-0.106
22.438	0.099	22.450	0.106	22.465	0.114	22.472	0.121	24.962	-0.098	24.962	-0.064	24.977	-0.063	24.991	-0.036
22.484	0.155	22.500	0.176	22.512	0.190	22.524	0.197	25.003	-0.001	25.014	0.020	25.026	C.013	25.042	0.014
22.534	0.197	22.552	0.191	22.564	0.184	22.576	0.178	25.053	C.035	25.065	0.076	25.077	C.110	25.089	0.138
22.587	0.171	22.597	0.151	22.606	0.124	22.612	0.097	25.101	0.131	25.118	0.111	25.131	C.092	25.144	0.072
22.620	0.056	22.628	0.043	22.638	0.029	22.650	0.036	25.155	C.065	25.171	0.066	25.187	C.074	25.205	0.081
22.661	0.044	22.669	0.071	22.679	0.105	22.689	0.133	25.217	C.082	25.229	C.069	25.243	C.076	25.257	0.104
22.697	0.146	22.707	0.133	22.715	0.106	22.722	0.072	25.271	0.139	25.282	0.146	25.295	C.140	25.308	0.134
22.731	0.038	22.740	0.018	22.749	0.004	22.756	0.004	25.324	0.121	25.335	0.122	25.343	C.122	25.362	C.109
22.765	0.004	22.774	0.011	22.787	0.039	22.798	0.066	25.374	C.075	25.387	C.048	25.404	-0.027	25.417	-0.081
22.804	0.073	22.811	0.066	22.821	0.053	22.829	0.033	25.430	-0.129	25.442	-0.176	25.448	-0.183	25.458	-0.203
22.840	0.012	22.850	0.013	22.861	0.006	22.870	-0.008	25.467	-0.210	25.477	-0.156	25.491	-0.155	25.504	-0.108
22.888	-0.000	22.906	0.007	22.917	0.000	22.928	-0.013	25.518	-0.067	25.531	-0.005	25.542	C.056	25.554	C.111
22.939	-0.033	22.950	-0.040	22.963	-0.019	22.977	0.008	25.565	0.138	25.581	0.158	25.593	C.185	25.606	0.205
22.984	0.022	22.998	0.009	23.013	0.002	23.029	0.016	25.618	C.205	25.630	0.164	25.638	C.163	25.649	0.136
23.041	0.037	23.054	0.051	23.065	0.065	23.078	0.086	25.664	0.115	25.679	0.102	25.694	C.081	25.704	0.033
23.089	0.106	23.101	0.093	23.115	0.093	23.124	0.080	25.718	-0.028	25.730	-0.103	25.741	-0.150	25.753	-0.171
23.135	0.066	23.143	0.046	23.154	0.033	23.167	0.033	25.766	-0.177	25.777	-0.170	25.793	-0.129	25.808	-0.067
23.179	0.034	23.189	0.027	23.201	0.014	23.213	0.008	25.820	-0.026	25.832	0.016	25.847	0.091	25.860	0.153
23.228	0.008	23.237	-0.005	23.250	-0.039	23.257	-0.073	25.872	C.194	25.885	C.208	25.896	C.222	25.908	0.209
23.264	-0.107	23.269	-0.134	23.277	-0.147	23.284	-0.147	25.917	0.182	25.927	0.134	25.941	C.073	25.955	C.012
23.293	-0.126	23.304	-0.099	23.317	-0.050	23.329	-0.009	25.969	-0.042	25.979	-0.062	25.988	-0.075	26.000	-0.055
23.339	0.025	23.354	0.039	23.371	0.033	23.385	0.040	26.015	-0.020	26.026	0.021	26.040	C.042	26.054	0.063
23.395	0.068	23.405	0.102	23.414	0.116	23.427	0.116	26.068	0.097	26.082	0.118	26.098	C.132	26.114	0.153
23.446	0.103	23.461	0.110	23.473	0.117	23.483	0.097	26.130	0.167	26.141	0.160	26.153	C.140	26.165	C.099
23.491	0.043	23.499	0.002	23.506	-0.045	23.516	-0.086	26.179	0.038	26.193	-0.016	26.209	-0.042	26.222	-0.076
23.527	-0.113	23.538	-0.119	23.550	-0.126	23.563	-0.112	26.236	-0.089	26.250	-0.089	26.262	-0.075	26.272	-0.041
23.575	-0.111	23.588	-0.083	23.600	-0.062	23.610	-0.042	26.283	C.000	26.295	0.035	26.305	C.049	26.319	0.049
23.618	-0.014	23.631	0.000	23.643	0.014	23.653	0.014	26.330	0.043	26.341	C.030	26.355	C.003	26.366	-0.010
23.665	0.001	23.676	-0.026	23.689	-0.080	23.698	-0.106	26.379	-0.037	26.393	-0.050	26.404	-0.042	26.419	-0.001
23.712	-0.133	23.719	-0.133	23.727	-0.112	23.742	-0.050	26.443	C.041	26.458	C.062	26.458	C.069	26.470	C.070
23.752	-0.002	23.769	0.033	23.778	0.082	23.791	0.123	26.481	0.057	26.492	0.030	26.506	-0.010	26.517	-0.030
23.804	0.138	23.820	0.152	23.833	0.173	23.845	0.194	26.525	-0.043	26.538	-0.029	26.553	-0.028	26.567	-0.048
23.857	0.215	23.866	0.209	23.877	0.176	23.884	0.142	26.579	-0.068	26.591	-0.054	26.604	-0.114	26.618	-0.113
23.893	0.115	23.901	0.102	23.913	0.109	23.926	0.123	26.632	-0.092	26.650	-0.078	26.662	-0.077	26.676	-0.083
								26.687	-0.056	26.704	-0.129	26.720	-0.149	26.739	-0.155

26.756	-0.161	26.770	-0.180	26.780	-0.166	26.793	-0.118	29.760	-0.028	29.769	-0.041	29.779	-0.054	29.785	-0.033
26.805	-0.043	26.814	-0.001	26.824	0.013	26.833	-0.001	29.803	-0.012	29.816	0.002	29.824	0.016	29.840	0.023
26.843	-0.046	26.857	-0.082	26.866	0.055	26.878	-0.094	29.855	0.037	29.866	0.011	29.874	0.071	29.883	0.092
26.885	-0.073	26.911	-0.059	26.926	-0.058	26.945	-0.024	29.892	0.106	29.902	0.126	29.911	0.120	29.922	0.106
26.967	-0.002	26.982	0.019	26.994	0.026	27.006	0.027	29.931	0.106	29.943	0.053	29.957	0.086	29.971	0.093
27.017	-0.007	27.031	0.047	27.047	-0.087	27.061	-0.107	29.986	0.093	29.996	0.066	30.007	0.059	30.019	0.039
27.073	-0.127	27.083	-0.147	27.096	-0.167	27.112	-0.166	30.031	0.005	30.044	-0.016	30.057	-0.023	30.068	-0.009
27.120	-0.139	27.136	-0.070	27.150	-0.001	27.161	0.047	30.075	-0.009	30.088	0.005	30.099	-0.002	30.105	-0.023
27.169	0.082	27.182	0.056	27.198	0.111	27.213	0.119	30.121	-0.029	30.134	-0.029	30.146	-0.029	30.159	-0.029
27.224	0.140	27.237	0.161	27.249	0.175	27.259	0.162	30.170	-0.009	30.183	0.005	30.196	0.012	30.217	-0.001
27.268	0.129	27.284	0.048	27.294	-0.026	27.308	-0.093	30.219	-0.008	30.230	-0.028	30.246	-0.049	30.260	-0.062
27.322	-0.126	27.338	-0.153	27.353	-0.158	27.367	-0.151	30.272	-0.062	30.286	-0.062	30.301	-0.069	30.316	-0.075
27.382	-0.115	27.402	-0.046	27.418	0.003	27.429	0.018	30.331	-0.081	30.335	-0.088	30.346	-0.074	30.356	-0.047
27.446	0.033	27.456	0.033	27.470	0.028	27.481	-0.006	30.370	-0.033	30.382	-0.015	30.390	-0.005	30.400	-0.011
27.456	-0.059	27.506	-0.099	27.519	-0.119	27.536	-0.118	30.416	-0.031	30.424	-0.018	30.438	0.003	30.450	0.024
27.553	-0.103	27.570	-0.095	27.586	-0.101	27.601	-0.093	30.460	0.024	30.472	0.059	30.487	0.066	30.499	0.080
27.614	-0.065	27.628	-0.171	27.642	0.059	27.657	0.138	30.505	0.107	30.510	0.114	30.523	0.101	30.538	0.067
27.671	0.156	27.684	0.171	27.695	0.165	27.707	0.138	30.549	0.040	30.560	0.013	30.571	0.000	30.586	-0.034
27.721	0.058	27.735	0.071	27.752	-0.045	27.767	-0.002	30.556	-0.040	30.567	-0.053	30.579	-0.074	30.593	-0.073
27.782	-0.042	27.799	-0.069	27.808	-0.069	27.823	-0.048	30.648	-0.066	30.659	-0.079	30.669	-0.065	30.678	-0.045
27.835	-0.013	27.848	0.022	27.862	0.036	27.876	0.050	30.650	-0.038	30.656	-0.024	30.707	0.004	30.721	0.024
27.889	0.071	27.901	0.099	27.914	0.086	27.929	0.066	30.734	0.038	30.749	0.059	30.760	0.073	30.771	0.087
27.941	0.032	27.954	0.012	27.971	-0.001	27.986	-0.008	30.787	0.087	30.803	0.101	30.809	0.101	30.821	0.058
27.998	-0.021	28.014	-0.034	28.030	-0.034	28.048	-0.033	30.835	0.074	30.848	0.068	30.860	0.034	30.871	0.014
28.063	-0.033	28.077	-0.046	28.093	-0.046	28.106	-0.045	30.883	0.008	30.897	0.008	30.909	0.009	30.921	0.023
28.120	-0.031	28.139	-0.024	28.159	-0.024	28.171	-0.010	30.931	0.016	30.941	0.010	30.956	0.017	30.971	0.032
28.186	0.024	28.199	0.051	28.214	0.079	28.232	0.052	30.951	0.046	30.961	0.060	31.001	0.067	31.013	0.081
28.246	0.099	28.262	0.093	28.277	0.093	28.288	0.100	31.026	0.095	31.036	0.055	31.046	0.082	31.063	0.069
28.257	0.073	28.311	0.039	28.328	-0.016	28.336	-0.043	31.069	0.056	31.079	0.036	31.091	0.022	31.105	0.009
28.344	-0.056	28.355	-0.063	28.366	-0.056	28.379	-0.043	31.116	0.003	31.127	0.010	31.140	0.017	31.151	0.024
28.395	-0.008	28.411	0.012	28.425	0.040	28.440	0.047	31.161	0.031	31.177	0.025	31.185	0.025	31.202	0.039
28.449	0.033	28.461	0.006	28.477	-0.042	28.491	-0.076	31.212	0.046	31.228	0.053	31.238	0.047	31.250	0.047
28.502	-0.016	28.514	-0.116	28.529	-0.116	28.544	-0.096	31.263	0.047	31.275	0.048	31.285	0.034	31.301	0.035
28.557	-0.061	28.570	-0.027	28.579	0.000	28.592	0.014	31.310	0.035	31.320	0.042	31.330	0.049	31.338	0.029
28.603	0.007	28.618	-0.013	28.637	-0.026	28.644	-0.033	31.350	0.022	31.360	0.009	31.372	-0.005	31.381	0.024
28.657	-0.019	28.672	0.015	28.681	0.043	28.691	0.057	31.390	0.037	31.403	0.037	31.414	0.037	31.423	0.016
28.701	-0.064	28.712	0.057	28.724	0.037	28.736	0.003	31.429	-0.003	31.438	-0.030	31.445	-0.057	31.456	-0.071
28.750	-0.010	28.768	-0.010	28.784	0.004	28.792	0.004	31.468	-0.077	31.478	-0.077	31.486	-0.077	31.493	-0.083
28.805	-0.009	28.817	-0.023	28.830	-0.022	28.842	-0.009	31.502	-0.097	31.512	-0.103	31.523	-0.103	31.533	-0.103
28.853	-0.002	28.868	0.019	28.881	0.019	28.894	0.013	31.547	-0.082	31.555	-0.075	31.569	-0.061	31.579	-0.033
28.909	-0.000	28.921	-0.007	28.936	-0.013	28.948	-0.033	31.592	-0.006	31.604	0.008	31.619	0.029	31.628	0.043
28.966	-0.046	28.984	-0.045	28.992	-0.032	29.004	-0.011	31.641	0.037	31.652	0.057	31.663	0.057	31.673	0.051
29.016	0.017	29.030	0.045	29.043	0.039	29.055	0.039	31.685	0.038	31.698	0.025	31.709	0.018	31.719	0.012
29.066	0.033	29.080	0.041	29.095	0.048	29.109	0.063	31.730	0.012	31.740	-0.008	31.749	-0.015	31.759	-0.035
29.119	0.057	29.130	0.057	29.143	0.051	29.160	0.039	31.771	-0.048	31.780	-0.061	31.791	-0.075	31.802	-0.081
29.177	0.035	29.189	0.053	29.204	0.068	29.218	0.075	31.810	-0.074	31.820	-0.073	31.832	-0.066	31.840	-0.052
29.230	0.082	29.243	0.049	29.259	0.029	29.272	0.009	31.852	-0.052	31.864	-0.044	31.874	-0.044	31.886	-0.057
29.282	-0.011	29.298	-0.017	29.311	-0.024	29.322	-0.031	31.902	-0.056	31.916	-0.049	31.929	-0.048	31.944	-0.034
29.332	-0.031	29.345	-0.071	29.357	-0.071	29.368	-0.064	31.957	-0.026	31.968	-0.026	31.977	-0.026	31.988	-0.025
29.383	-0.036	29.399	-0.008	29.413	0.019	29.428	0.026	31.998	-0.025	32.010	-0.018	32.020	-0.011	32.030	-0.004
29.443	0.027	29.458	0.007	29.471	0.010	29.482	0.060	32.038	-0.003	32.046	-0.010	32.055	-0.030	32.069	-0.044
29.493	-0.054	29.504	-0.128	29.510	-0.155	29.521	-0.168	32.082	-0.050	32.093	-0.057	32.095	-0.057	32.113	-0.049
29.531	-0.174	29.543	-0.160	29.560	-0.126	29.571	-0.091	32.123	-0.049	32.133	-0.029	32.146	-0.008	32.158	0.013
29.587	-0.050	29.601	-0.022	29.617	-0.007	29.633	0.021	32.168	0.040	32.179	0.047	32.192	0.047	32.205	0.048
29.651	0.035	29.669	0.043	29.685	0.044	29.699	0.031	32.219	0.049	32.230	0.049	32.236	0.043	32.250	0.023
29.713	0.032	29.726	0.026	29.737	0.012	29.748	-0.008	32.259	-0.004	32.272	-0.038	32.282	-0.065	32.294	-0.085

32.303	-0.105	32.317	-0.105	32.327	-0.111	32.338	-0.097	34.839	-0.024	34.845	-0.037	34.855	-0.029	34.863	-0.002
32.349	-0.077	32.359	-0.063	32.371	-0.036	32.387	-0.009	34.879	0.040	34.886	0.068	34.895	-0.082	34.905	-0.086
32.401	0.005	32.413	0.019	32.427	0.026	32.439	0.019	34.919	0.022	34.925	-0.032	34.933	-0.079	34.942	-0.086
32.453	0.020	32.468	0.014	32.485	0.001	32.500	-0.012	34.951	-0.079	34.967	-0.030	34.978	0.011	34.988	0.032
32.512	-0.025	32.524	-0.045	32.536	-0.079	32.546	-0.092	34.998	-0.039	35.008	0.025	35.019	-0.002	35.030	-0.029
32.560	-0.092	32.569	-0.078	32.578	-0.085	32.589	-0.078	35.041	-0.057	35.050	0.063	35.057	-0.057	35.066	-0.029
32.599	-0.057	32.611	-0.043	32.626	-0.043	32.635	-0.050	35.079	0.032	35.088	0.067	35.096	0.067	35.104	0.060
32.645	-0.063	32.657	-0.063	32.669	-0.057	32.678	-0.050	35.116	0.006	35.130	0.034	35.138	-0.041	35.146	-0.027
32.689	-0.043	32.697	-0.036	32.707	-0.036	32.718	-0.043	35.158	0.029	35.170	0.051	35.179	0.125	35.188	0.139
32.727	-0.050	32.737	-0.049	32.749	-0.049	32.759	-0.049	35.197	0.146	35.198	0.139	35.204	0.140	35.216	0.126
32.769	-0.049	32.778	-0.042	32.792	-0.039	32.803	-0.043	35.227	0.099	35.242	0.059	35.249	0.032	35.259	0.011
32.813	-0.129	32.823	-0.149	32.835	-0.155	32.849	-0.161	35.269	0.032	35.279	0.066	35.288	0.100	35.298	0.107
32.861	-0.168	32.871	-0.167	32.883	-0.160	32.898	-0.132	35.308	0.114	35.319	0.093	35.337	0.046	35.351	-0.002
32.914	-0.110	32.923	-0.076	32.935	-0.034	32.947	-0.006	35.367	-0.043	35.375	-0.070	35.383	-0.097	35.397	-0.104
32.962	0.068	32.976	0.029	32.991	0.044	33.007	0.058	35.408	-0.118	35.423	-0.125	35.435	-0.138	35.443	-0.172
33.022	0.072	33.038	0.072	33.051	0.066	33.064	0.066	35.451	-0.179	35.459	-0.159	35.471	-0.118	35.481	-0.084
33.075	0.053	33.086	0.053	33.099	0.060	33.116	0.074	35.492	-0.036	35.504	-0.002	35.513	0.012	35.521	0.025
33.128	0.088	33.143	0.055	33.155	0.088	33.171	0.082	35.530	0.032	35.537	0.032	35.549	-0.009	35.559	-0.036
33.180	0.068	33.194	0.062	33.203	0.048	33.215	0.028	35.567	-0.036	35.578	-0.029	35.589	-0.029	35.600	-0.036
33.228	-0.001	33.240	-0.026	33.253	-0.046	33.263	-0.046	35.611	-0.043	35.621	-0.063	35.631	-0.063	35.644	-0.050
33.274	-0.033	33.284	-0.019	33.295	-0.006	33.307	0.015	35.656	-0.023	35.707	-0.009	35.717	0.025	35.727	0.059
33.317	0.022	33.327	0.035	33.340	0.036	33.350	0.043	35.856	0.073	35.863	0.066	35.874	0.080	35.880	0.066
33.360	0.067	33.370	0.072	33.381	0.079	33.389	0.080	35.917	0.059	35.922	0.053	35.928	0.073	35.938	0.101
33.400	0.021	33.409	0.054	33.419	0.027	33.430	0.021	35.950	0.114	35.922	0.142	35.928	0.155	35.938	0.156
33.438	0.021	33.445	0.028	33.459	0.042	33.473	0.056	35.981	-0.142	35.983	0.129	35.984	0.108	35.985	0.088
33.466	0.069	33.498	0.070	33.509	0.083	33.518	0.084	35.991	0.068	35.911	0.068	35.923	0.075	35.935	0.083
33.529	0.084	33.541	0.071	33.553	0.057	33.563	0.057	35.969	0.069	35.960	0.056	35.970	0.015	35.980	-0.032
33.573	0.044	33.581	0.044	33.592	0.052	33.605	0.059	35.990	-0.066	36.002	-0.066	36.012	-0.093	36.022	-0.092
33.617	0.060	33.627	0.067	33.638	0.054	33.650	0.034	36.030	-0.072	36.035	-0.044	36.047	-0.003	36.055	0.018
33.663	0.021	33.676	0.008	33.689	0.023	33.702	0.037	36.063	0.031	36.073	0.039	36.079	0.032	36.087	0.018
33.715	0.058	33.727	0.059	33.741	0.053	33.752	0.054	36.098	0.019	36.108	0.033	36.120	0.040	36.134	0.040
33.766	0.048	33.779	0.049	33.790	0.043	33.801	0.031	36.146	-0.033	36.157	0.027	36.164	0.000	36.174	-0.027
33.811	0.018	33.822	0.019	33.834	0.019	33.849	0.034	36.187	-0.033	36.197	-0.026	36.204	-0.012	36.213	0.002
33.858	0.068	33.866	0.082	33.875	0.097	33.886	0.090	36.221	-0.022	36.232	0.043	36.240	0.043	36.249	0.030
33.897	0.084	33.909	0.078	33.919	0.071	33.931	0.072	36.261	0.017	36.269	0.010	36.278	0.023	36.291	0.030
33.947	0.079	33.958	0.086	33.968	0.093	33.977	-0.029	36.299	0.030	36.305	0.023	36.316	-0.004	36.330	-0.031
33.989	0.045	34.001	0.012	34.014	-0.009	34.028	-0.035	36.340	-0.038	36.349	-0.051	36.362	-0.038	36.372	-0.024
34.043	-0.042	34.055	-0.049	34.067	-0.042	34.084	-0.046	36.381	-0.018	36.394	-0.025	36.406	-0.025	36.418	-0.025
34.097	-0.041	34.109	-0.041	34.122	-0.047	34.140	-0.046	36.431	-0.018	36.440	-0.018	36.451	-0.012	36.461	0.009
34.152	-0.066	34.166	-0.079	34.178	-0.079	34.192	-0.065	36.472	0.036	36.482	0.063	36.492	0.083	36.501	0.090
34.206	-0.051	34.218	-0.037	34.225	-0.037	34.237	-0.051	36.508	-0.097	36.515	0.057	36.525	0.084	36.537	0.057
34.250	-0.064	34.262	-0.071	34.272	-0.070	34.283	-0.043	36.550	0.043	36.562	0.043	36.573	0.050	36.582	0.037
34.293	-0.009	34.303	0.012	34.314	0.026	34.319	0.012	36.590	0.023	36.600	-0.004	36.608	-0.031	36.616	-0.044
34.336	-0.001	34.350	-0.028	34.363	-0.055	34.374	-0.075	36.625	-0.044	36.633	-0.037	36.642	-0.010	36.652	0.024
34.386	-0.088	34.395	-0.101	34.404	-0.101	34.418	-0.094	36.663	0.045	36.674	0.072	36.687	0.079	36.703	0.080
34.427	-0.093	34.437	-0.073	34.449	-0.031	34.462	0.024	36.717	0.080	36.729	0.087	36.741	0.101	36.753	0.101
34.472	0.072	34.481	0.074	34.493	0.114	34.501	0.121	36.764	0.055	36.772	0.061	36.783	0.054	36.793	0.041
34.521	0.082	34.521	0.110	34.536	0.068	34.542	0.068	36.799	0.027	36.807	0.041	36.821	0.048	36.835	0.069
34.551	0.112	34.559	0.071	34.575	0.024	34.601	-0.037	36.852	0.090	36.867	0.058	36.880	0.105	36.894	0.106
34.582	0.112	34.590	0.118	34.623	-0.131	34.628	-0.137	36.907	0.093	36.919	0.073	36.931	0.053	36.942	0.026
34.609	-0.084	34.616	-0.118	34.657	-0.040	34.665	-0.019	36.951	0.013	36.962	0.013	36.972	0.021	36.986	0.028
34.638	-0.116	34.648	-0.081	34.691	-0.031	34.702	-0.045	36.997	0.042	37.007	0.056	37.019	0.064	37.033	0.078
34.672	-0.018	34.681	-0.017	34.691	-0.031	34.702	-0.045	37.045	0.099	37.056	0.113	37.068	0.106	37.078	0.114
34.710	-0.039	34.721	-0.012	34.728	0.008	34.737	0.014	37.090	0.107	37.102	0.087	37.114	0.067	37.126	0.041
34.749	-0.006	34.762	0.012	34.771	0.017	34.783	0.030	37.137	0.013	37.149	0.014	37.158	0.007	37.171	0.000
34.795	0.051	34.807	0.051	34.817	0.030	34.829	0.003								

37.178	-0.013	37.186	-0.033	37.198	-0.054	37.214	-0.060	35.678	0.022	39.692	0.016	39.707	0.030	39.721	0.038
37.226	-0.060	37.238	-0.060	37.250	-0.060	37.260	-0.060	39.734	0.038	39.749	0.039	39.764	0.061	39.775	0.082
37.273	-0.013	37.283	-0.021	37.293	-0.048	37.303	-0.045	39.786	0.057	39.796	0.064	39.806	0.071	39.819	0.051
37.314	0.088	37.325	0.088	37.338	0.068	37.345	0.047	39.832	0.039	39.845	0.038	39.865	0.036	39.875	0.035
37.355	0.020	37.366	0.014	37.379	0.007	37.390	-0.027	39.887	0.027	39.894	0.027	39.904	0.027	39.914	0.027
37.401	-0.047	37.415	-0.067	37.429	-0.081	37.445	-0.080	39.906	0.020	39.912	0.020	39.918	0.020	39.924	0.028
37.456	-0.086	37.465	-0.099	37.475	-0.132	37.488	-0.112	39.934	0.042	39.941	0.036	39.946	0.057	39.956	0.059
37.498	-0.192	37.506	-0.198	37.514	-0.205	37.525	-0.172	39.965	0.107	39.973	0.151	39.982	0.143	39.991	0.150
37.536	-0.149	37.551	-0.107	37.563	-0.079	37.572	-0.065	39.997	0.107	40.002	0.052	40.009	0.138	40.016	0.125
37.563	-0.051	37.594	-0.064	37.605	-0.064	37.615	-0.071	40.024	0.112	40.032	0.052	40.044	0.052	40.051	0.039
37.626	-0.063	37.636	-0.056	37.646	-0.022	37.659	-0.001	40.064	0.020	40.074	0.020	40.084	0.014	40.090	0.007
37.665	0.012	37.675	0.013	37.683	-0.001	37.693	0.028	40.100	-0.006	40.110	0.001	40.119	0.015	40.125	0.029
37.701	-0.048	37.715	-0.061	37.720	-0.068	37.728	-0.060	40.134	0.049	40.144	0.063	40.150	0.077	40.162	0.043
37.738	-0.046	37.746	-0.039	37.755	-0.025	37.763	-0.025	40.172	0.037	40.183	0.023	40.194	0.003	40.204	-0.003
37.772	-0.045	37.783	-0.065	37.794	-0.071	37.807	-0.077	40.214	0.011	40.227	0.011	40.235	0.018	40.255	0.026
37.820	-0.070	37.830	-0.056	37.841	-0.035	37.853	-0.014	40.272	0.026	40.282	0.040	40.297	0.027	40.307	0.034
37.865	0.007	37.876	0.022	37.889	0.016	37.900	0.003	40.341	0.035	40.379	0.038	40.406	0.047	40.420	0.049
37.912	-0.017	37.930	-0.037	37.945	-0.049	37.958	-0.055	40.430	0.029	40.435	0.010	40.449	-0.016	40.458	-0.016
37.972	-0.048	37.984	-0.040	37.997	-0.012	38.008	0.009	40.474	-0.001	40.487	0.014	40.501	0.015	40.524	0.010
38.024	0.016	38.038	0.017	38.051	0.011	38.059	0.025	40.532	0.011	40.541	-0.002	40.547	-0.002	40.555	-0.008
38.073	0.053	38.085	0.074	38.095	0.068	38.107	0.042	40.562	-0.008	40.576	-0.007	40.586	-0.013	40.592	-0.012
38.119	0.015	38.128	-0.012	38.138	-0.025	38.152	-0.017	40.599	-0.012	40.605	-0.018	40.611	-0.018	40.616	-0.038
38.163	-0.003	38.175	0.005	38.189	0.020	38.201	0.014	40.620	-0.038	40.628	-0.045	40.636	-0.038	40.643	-0.025
38.212	-0.001	38.222	-0.012	38.236	-0.018	38.250	-0.010	40.669	-0.018	40.658	0.023	40.668	0.050	40.679	0.057
38.265	-0.010	38.277	0.019	38.295	0.040	38.310	0.048	40.687	0.064	40.696	0.064	40.712	0.063	40.728	0.049
38.324	0.056	38.335	0.077	38.347	0.078	38.357	0.085	40.738	0.049	40.750	0.034	40.763	0.034	40.776	0.006
38.368	0.073	38.379	0.060	38.394	0.049	38.410	0.050	40.797	0.006	40.827	0.033	40.842	0.033	40.855	0.061
38.424	0.051	38.440	0.052	38.453	0.067	38.468	0.074	40.874	0.068	40.895	0.063	40.913	0.083	40.935	0.084
38.480	0.068	38.492	0.036	38.499	0.009	38.510	-0.003	40.955	0.051	40.972	0.071	40.991	0.058	41.015	0.051
38.518	-0.008	38.524	0.006	38.535	0.021	38.544	0.043	41.030	0.051	41.046	0.051	41.060	0.045	41.073	0.059
38.555	0.045	38.564	0.039	38.571	0.025	38.576	0.018	41.087	0.066	41.095	0.073	41.104	0.107	41.107	0.100
38.593	0.012	38.598	0.022	38.610	0.045	38.624	0.064	41.112	0.107	41.122	0.127	41.130	0.134	41.137	0.155
38.638	0.074	38.652	0.061	38.662	0.047	38.677	0.041	41.148	0.128	41.157	0.168	41.166	0.094	41.179	0.081
38.688	0.057	38.702	0.070	38.715	0.076	38.730	0.080	41.193	0.061	41.204	0.055	41.219	0.042	41.231	0.029
38.745	0.073	38.763	0.072	38.782	0.044	38.798	0.024	41.245	0.037	41.254	0.030	41.262	0.038	41.274	0.038
38.805	0.017	38.812	-0.002	38.818	-0.002	38.828	-0.008	41.288	0.046	41.302	0.053	41.312	0.061	41.324	0.067
38.836	-0.021	38.844	-0.019	38.852	0.003	38.859	0.003	41.333	0.048	41.346	0.028	41.359	0.015	41.377	0.002
38.904	0.088	38.908	0.054	38.916	0.099	38.925	0.069	41.390	-0.004	41.402	0.010	41.417	0.010	41.425	0.010
38.936	0.077	38.944	0.056	38.954	0.042	38.961	0.036	41.434	0.058	41.449	0.058	41.462	0.045	41.479	0.059
38.971	0.037	38.977	0.045	38.988	0.040	39.000	0.041	41.496	0.052	41.515	0.052	41.535	0.060	41.556	0.067
39.014	0.045	39.023	0.042	39.036	0.063	39.045	0.084	41.582	0.067	41.619	0.067	41.654	0.062	41.674	0.063
39.057	0.092	39.066	0.092	39.078	0.073	39.093	0.067	41.656	0.043	41.711	0.051	41.725	0.052	41.737	0.052
39.104	0.027	39.117	0.023	39.130	0.032	39.142	0.048	41.757	0.047	41.769	0.047	41.788	0.035	41.798	0.035
39.150	0.077	39.159	0.052	39.168	0.113	39.179	0.121	41.807	0.022	41.818	0.023	41.832	0.017	41.849	0.032
39.192	0.127	39.203	0.127	39.214	0.114	39.227	0.114	41.863	0.033	41.876	0.054	41.887	0.075	41.900	0.089
39.239	0.088	39.250	0.068	39.261	0.056	39.267	0.036	41.908	0.096	41.927	0.097	41.935	0.077	41.949	0.070
39.272	0.016	39.281	0.010	39.292	0.017	39.302	0.024	41.962	0.057	41.976	0.057	41.986	0.051	42.002	0.065
39.310	0.038	39.318	0.045	39.334	0.080	39.337	0.053	42.017	0.051	42.035	0.045	42.044	0.052	42.059	0.080
39.348	0.067	39.357	0.067	39.370	0.081	39.385	0.109	42.074	0.073	42.096	0.080	42.108	0.093	42.121	0.059
39.399	0.136	39.409	0.137	39.417	0.144	39.428	0.165	42.145	0.026	42.158	0.066	42.168	0.066	42.182	0.014
39.437	0.180	39.450	0.173	39.464	0.139	39.478	0.111	42.193	0.014	42.208	0.043	42.226	0.044	42.238	0.066
39.489	0.117	39.499	0.130	39.504	0.109	39.515	0.095	42.264	0.060	42.273	0.055	42.286	0.035	42.296	0.029
39.526	0.068	39.540	0.062	39.547	0.021	39.556	0.022	42.340	0.031	42.348	0.032	42.359	0.025	42.378	0.033
39.567	0.010	39.574	0.004	39.587	-0.000	39.597	-0.006	42.389	0.054	42.410	0.054	42.410	0.061	42.419	0.075
39.616	0.017	39.629	-0.001	39.642	0.014	39.657	0.021	42.425	0.068	42.431	0.048	42.439	0.048	42.451	0.035
								42.463	0.036	42.471	0.029	42.478	0.036	42.492	0.037

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42.499	0.044	42.509	0.052	42.521	0.053	42.533	0.054
42.544	0.034	42.554	0.015	42.562	0.002	42.570	-0.004
42.580	-0.010	42.593	-0.002	42.617	0.020	42.633	0.056
42.654	0.064	42.679	0.066	42.714	0.069	42.725	0.043
42.737	0.064	42.749	0.044	42.763	0.045	42.774	0.052
42.785	0.073	42.795	0.067	42.811	0.074	42.822	0.061
42.832	0.062	42.842	0.042	42.854	0.022	42.863	0.015
42.874	0.023	42.891	0.037	42.899	0.058	42.906	0.072
42.916	0.072	42.924	0.073	42.932	0.073	42.940	0.053
42.947	0.066	42.956	0.027	42.963	0.014	42.970	0.014
42.974	0.001	42.983	-0.005	42.994	0.003	43.007	0.004
43.020	0.012	43.031	0.040	43.038	0.048	43.051	0.063
43.066	0.071	43.075	0.079	43.085	0.080	43.098	0.074
43.111	0.068	43.121	0.055	43.130	0.056	43.162	0.057
43.182	0.058	43.197	0.058	43.206	0.058	43.219	0.059
43.230	0.066	43.238	0.073	43.253	0.080	43.254	0.080
43.264	0.087	43.279	0.087	43.291	0.068	43.303	0.088
43.315	0.095	43.326	0.095	43.338	0.123	43.349	0.130
43.365	0.117	43.381	0.117	43.397	0.118	43.410	0.119
43.424	0.105	43.436	0.092	43.449	0.079	43.463	0.066
43.476	0.060	43.490	0.047	43.504	0.054	43.516	0.055
43.524	0.035	43.540	0.043	43.563	0.058	43.574	0.073
43.590	0.094	43.604	0.102	43.605	0.102	43.624	0.104
43.644	0.112	43.657	0.106	43.677	0.121	43.696	0.123
43.710	0.117	43.727	0.057	43.740	0.091	43.755	0.071
43.770	0.058	43.782	0.051	43.793	0.052	43.797	0.045
43.807	0.039	43.816	0.025	43.825	0.018	43.836	0.005
43.852	-0.002	43.862	-0.009	43.874	0.005	43.883	0.005
43.893	0.005	43.902	0.032	43.908	0.046	43.918	0.059
43.924	0.073	43.930	0.073	43.938	0.086	43.947	0.093
43.952	0.093	43.960	0.100	43.972	0.100	43.979	0.087
43.984	0.073	43.994	0.073	44.003	0.074	44.010	0.087
44.015	0.087	44.023	0.054	44.029	0.094	44.035	0.094
44.048	0.094	44.059	0.108	44.066	0.088	44.072	0.088
44.078	0.081	44.086	0.068	44.094	0.054	44.110	0.054
44.120	0.041	44.129	0.034	44.143	0.035	44.156	0.035
44.167	0.036	44.179	0.036	44.191	0.037	44.201	0.037
44.213	0.024	44.225	0.024	44.236	0.011	44.251	0.018
44.263	0.005	44.273	-0.008	44.283	-0.008	44.295	-0.014
44.305	-0.027	44.317	-0.013	44.338	-0.012	44.353	0.002
44.370	0.010	44.393	0.037	44.415	0.031	44.429	0.038
44.444	0.059	44.463	0.046	44.476	0.046	44.487	0.047
44.458	0.054	44.514	0.054	44.532	0.055	44.552	0.036
44.562	0.016	44.578	0.038	44.596	0.039	44.609	0.046
44.623	0.047	44.637	0.055	44.653	0.056	44.670	0.058
44.679	0.059	44.692	0.087	44.707	0.075	44.721	0.076
44.738	0.084	44.752	0.064	44.767	0.065	44.780	0.046
44.792	0.033	44.810	0.048	44.828	0.035	44.875	0.046
44.886	0.040	44.896	0.034	44.907	0.028	44.923	0.009
44.935	0.011	44.950	0.014	44.960	0.016	44.968	0.010
44.982	0.017						

771-194 2/9/71 0600PST L-A. 6430 SUNSET BLVD. 1ST FL. EAST

3655 POINTS 44.994 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, 6/10-

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.2646 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.042	0.014	-0.007	0.023	0.007	0.037	-0.021	0.083	-0.004	2.241	-0.004	2.261	0.004	2.276	-0.010
0.051	-0.014	0.069	-0.007	0.083	-0.027	0.098	-0.083	0.083	-0.016	2.258	-0.016	2.310	-0.044	2.324	-0.100
0.104	-0.062	0.122	-0.013	0.139	-0.054	0.158	-0.046	0.158	-0.120	2.354	-0.120	2.372	-0.107	2.383	-0.058
0.174	-0.094	0.187	-0.100	0.194	-0.044	0.211	-0.058	0.211	-0.037	2.405	-0.037	2.422	-0.142	2.432	-0.135
0.229	-0.043	0.238	-0.077	0.252	-0.077	0.252	-0.055	0.252	-0.044	2.454	-0.044	2.471	-0.010	2.486	-0.072
0.279	-0.047	0.294	-0.067	0.307	-0.018	0.323	-0.045	0.323	-0.023	2.522	-0.023	2.535	-0.024	2.549	-0.058
0.336	-0.030	0.347	-0.036	0.364	-0.028	0.372	-0.042	0.372	-0.034	2.571	-0.034	2.585	-0.013	2.599	-0.049
0.389	-0.083	0.398	-0.082	0.416	-0.047	0.430	-0.074	0.430	-0.074	2.628	-0.062	2.637	-0.083	2.646	-0.097
0.439	-0.115	0.456	-0.114	0.474	-0.065	0.484	-0.030	0.484	-0.082	2.681	-0.082	2.694	-0.054	2.709	-0.033
0.499	-0.044	0.516	-0.099	0.534	-0.050	0.546	-0.029	0.546	-0.081	2.751	-0.185	2.751	-0.130	2.760	-0.033
0.558	-0.022	0.569	-0.063	0.582	-0.001	0.590	-0.013	0.590	-0.061	2.782	-0.061	2.798	-0.036	2.813	-0.172
0.597	-0.015	0.609	-0.043	0.627	-0.002	0.643	-0.051	0.643	-0.006	2.831	-0.006	2.843	-0.039	2.856	-0.061
0.657	-0.106	0.676	-0.065	0.699	-0.066	0.718	-0.115	0.718	-0.015	2.852	-0.015	2.910	-0.061	2.926	-0.124
0.737	-0.081	0.756	-0.089	0.769	-0.068	0.785	-0.087	0.785	-0.102	2.965	-0.102	2.978	-0.060	2.996	-0.004
0.803	-0.115	0.816	-0.080	0.831	-0.059	0.840	-0.065	0.840	-0.003	3.025	-0.003	3.033	-0.025	3.046	-0.023
0.849	-0.037	0.862	-0.036	0.873	-0.034	0.883	-0.075	0.883	-0.051	3.072	-0.051	3.086	-0.106	3.103	-0.029
0.901	-0.004	0.911	-0.039	0.929	-0.056	0.935	-0.042	0.935	-0.042	3.131	-0.015	3.148	-0.013	3.166	-0.007
0.943	-0.014	0.955	-0.006	0.968	-0.043	0.977	-0.037	0.977	-0.014	3.188	-0.014	3.199	-0.021	3.211	-0.083
1.003	-0.136	1.003	-0.136	1.019	-0.114	1.027	-0.100	1.027	-0.124	3.247	-0.124	3.266	-0.060	3.278	-0.033
1.038	-0.127	1.049	-0.175	1.070	-0.091	1.087	-0.125	1.087	-0.030	3.308	-0.030	3.316	-0.113	3.329	-0.071
1.103	-0.097	1.118	-0.028	1.129	-0.028	1.142	-0.111	1.142	-0.097	3.350	-0.097	3.362	-0.076	3.372	-0.008
1.149	-0.152	1.157	-0.111	1.169	-0.027	1.177	-0.008	1.177	-0.032	3.400	-0.032	3.422	-0.052	3.438	-0.009
1.188	-0.034	1.208	-0.005	1.226	-0.016	1.243	-0.030	1.243	-0.032	3.459	-0.032	3.472	-0.032	3.483	-0.095
1.261	-0.025	1.275	-0.066	1.286	-0.045	1.300	-0.072	1.300	-0.107	3.500	-0.107	3.519	-0.162	3.535	-0.134
1.310	-0.065	1.323	-0.079	1.335	-0.044	1.347	-0.043	1.347	-0.100	3.552	-0.100	3.565	-0.100	3.572	-0.093
1.360	-0.127	1.376	-0.050	1.388	-0.034	1.400	-0.020	1.400	-0.006	3.603	-0.059	3.612	-0.108	3.631	-0.087
1.415	-0.020	1.425	-0.015	1.438	-0.004	1.454	-0.006	1.454	-0.038	3.656	-0.038	3.671	-0.018	3.684	-0.010
1.471	-0.056	1.486	-0.070	1.499	-0.001	1.520	-0.077	1.520	-0.031	3.708	-0.031	3.723	-0.030	3.742	-0.032
1.540	-0.063	1.558	-0.132	1.570	-0.132	1.581	-0.090	1.581	-0.002	3.763	-0.002	3.776	-0.065	3.789	-0.057
1.619	-0.004	1.619	-0.024	1.629	-0.054	1.644	-0.084	1.644	-0.049	3.812	-0.049	3.831	-0.037	3.843	-0.209
1.668	-0.004	1.687	-0.024	1.709	-0.161	1.723	-0.089	1.723	-0.099	3.890	-0.099	3.899	-0.102	3.899	-0.073
1.741	-0.083	1.751	-0.110	1.767	-0.067	1.778	-0.039	1.778	-0.039	3.931	-0.039	3.931	-0.074	3.948	-0.073
1.788	-0.059	1.805	-0.031	1.813	-0.031	1.826	-0.046	1.826	-0.086	3.968	-0.086	3.983	-0.019	4.003	-0.131
1.837	-0.109	1.849	-0.061	1.864	-0.061	1.877	-0.020	1.877	-0.044	4.044	-0.044	4.059	-0.021	4.077	-0.049
1.891	-0.020	1.908	-0.063	1.921	-0.098	1.935	-0.056	1.935	-0.113	4.106	-0.113	4.121	-0.119	4.133	-0.084
1.945	-0.077	1.966	-0.042	1.977	-0.027	1.996	-0.027	1.996	-0.030	4.170	-0.030	4.191	-0.030	4.204	-0.002
2.012	-0.049	2.034	-0.098	2.051	-0.028	2.058	-0.001	2.058	-0.127	4.229	-0.127	4.238	-0.065	4.252	-0.065
2.073	-0.006	2.087	-0.027	2.104	-0.007	2.116	-0.000	2.116	-0.004	4.261	-0.004	4.293	-0.065	4.308	-0.197
2.136	-0.069	2.147	-0.104	2.161	-0.063	2.175	-0.138	2.175	-0.038	4.334	-0.038	4.354	-0.048	4.375	-0.007
2.191	-0.096	2.201	-0.012	2.210	-0.005	2.225	-0.139	2.225	-0.166	4.403	-0.166	4.419	-0.089	4.444	-0.096

4.475	-0.110	4.485	-0.103	4.500	0.043	4.508	0.064	6.810	6.670	6.821	0.761	6.834	1.018	6.843	1.178
4.520	-0.064	4.533	0.105	4.550	0.021	4.568	-0.090	6.854	1.213	6.863	1.491	6.867	1.532	6.871	1.456
4.584	-0.104	4.607	0.069	4.614	0.097	4.627	-0.001	6.878	1.116	6.886	1.060	6.898	1.220	6.908	0.950
4.639	-0.181	4.650	-0.222	4.665	-0.089	4.682	-0.076	6.924	0.568	6.937	1.168	6.946	-0.834	6.952	-1.196
4.696	-0.034	4.718	-0.089	4.736	-0.033	4.752	-0.047	6.960	-0.543	6.970	-1.168	6.976	-0.834	6.984	-1.057
4.767	-0.144	4.788	-0.144	4.807	-0.157	4.826	-0.102	6.989	-0.855	6.995	-0.473	7.001	-0.633	7.014	-0.279
4.855	-0.074	4.875	-0.012	4.893	-0.005	4.889	-0.082	7.020	-0.265	7.026	-0.147	7.033	-0.244	7.045	-0.058
4.926	-0.117	4.940	-0.041	4.954	0.084	4.967	0.091	7.049	-0.244	7.061	-0.244	7.066	-0.327	7.072	-0.223
4.981	0.043	4.997	0.029	5.009	-0.041	5.015	-0.041	7.083	-0.251	7.092	0.034	7.102	0.201	7.107	0.242
5.028	0.085	5.038	0.106	5.051	0.168	5.071	0.127	7.116	0.194	7.123	0.062	7.130	-0.292	7.140	-0.570
5.089	0.162	5.104	0.093	5.120	-0.046	5.137	0.003	7.145	-0.723	7.155	-0.834	7.161	-0.833	7.177	-0.708
5.159	-0.012	5.175	-0.067	5.189	-0.033	5.204	0.154	7.190	-0.659	7.204	-0.527	7.213	-0.506	7.221	-0.478
5.213	0.217	5.230	0.210	5.240	0.161	5.254	0.133	7.230	-0.339	7.242	-0.054	7.250	0.217	7.261	0.516
5.266	-0.041	5.278	-0.174	5.286	-0.271	5.303	-0.272	7.273	0.849	7.281	1.053	7.290	1.211	7.293	1.176
5.319	-0.342	5.324	-0.390	5.347	-0.356	5.363	-0.239	7.298	1.635	7.305	1.788	7.311	1.371	7.317	0.656
5.374	-0.017	5.383	-0.003	5.393	-0.058	5.403	-0.003	7.321	0.552	7.327	0.246	7.334	0.031	7.340	-1.199
5.412	0.129	5.418	0.143	5.427	0.094	5.436	-0.066	7.350	-0.581	7.359	-1.338	7.364	-1.143	7.372	-1.637
5.453	-0.219	5.463	-0.497	5.475	-0.754	5.497	-0.761	7.384	-1.268	7.391	-1.602	7.398	-1.256	7.406	-1.386
5.504	-0.851	5.519	-1.136	5.529	-1.184	5.543	-1.066	7.415	-1.143	7.419	-1.254	7.425	-1.025	7.432	-0.935
5.552	-0.955	5.565	-0.538	5.579	-0.142	5.591	-0.016	7.437	-0.584	7.442	-0.713	7.456	-0.344	7.464	-0.143
5.600	-0.220	5.607	-0.255	5.619	-0.199	5.631	-0.127	7.475	0.170	7.481	0.316	7.489	0.372	7.501	0.296
5.646	-0.293	5.653	-0.231	5.664	0.054	5.664	0.054	7.521	0.213	7.535	0.220	7.548	0.310	7.558	0.366
5.677	0.409	5.687	0.645	5.695	0.687	5.707	0.527	7.568	0.373	7.576	0.304	7.567	0.103	7.592	0.096
5.714	0.479	5.721	0.152	5.729	0.041	5.737	0.187	7.597	-0.509	7.604	-0.126	7.608	0.006	7.611	0.179
5.743	-0.661	5.751	0.138	5.754	0.097	5.761	0.583	7.615	0.235	7.623	0.332	7.627	0.353	7.636	0.472
5.765	0.395	5.770	0.479	5.777	-0.022	5.783	0.131	7.644	0.527	7.650	0.557	7.656	0.597	7.668	0.555
5.786	0.069	5.792	0.242	5.797	0.236	5.801	0.354	7.676	0.583	7.687	0.757	7.698	1.000	7.710	0.987
5.807	0.229	5.814	0.395	5.817	0.340	5.821	0.423	7.717	0.648	7.728	0.424	7.737	-0.013	7.744	-0.013
5.824	0.319	5.829	0.333	5.833	0.215	5.836	0.243	7.749	-1.152	7.760	-0.165	7.765	-0.110	7.771	-0.457
5.841	0.187	5.849	0.229	5.855	0.069	5.863	0.180	7.775	-0.658	7.781	-0.616	7.785	-0.846	7.795	-0.658
5.865	0.292	5.876	0.375	5.884	0.257	5.890	0.215	7.801	-0.810	7.809	-0.623	7.813	-0.643	7.818	-0.386
5.898	-0.041	5.900	-0.298	5.914	-0.243	5.929	0.146	7.822	-0.324	7.827	-0.137	7.835	-0.004	7.840	0.003
5.939	0.230	5.944	0.286	5.944	0.460	5.974	0.376	7.847	0.115	7.855	0.168	7.861	-0.003	7.868	-0.524
5.957	0.425	5.961	0.473	5.973	0.473	5.974	0.376	7.874	-0.558	7.882	-1.058	7.889	-1.093	7.896	-1.502
5.982	0.237	5.988	-0.061	5.992	-0.297	5.997	-0.297	7.902	-1.495	7.907	-1.592	7.916	-1.648	7.923	-1.529
6.005	-0.443	6.013	-0.262	6.018	-0.186	6.028	0.176	7.928	-1.515	7.939	-0.573	7.946	-0.452	7.955	0.007
6.039	0.349	6.044	0.329	6.052	0.315	6.060	0.183	7.962	0.319	7.968	0.479	7.978	0.619	7.987	0.723
6.068	0.051	6.074	-0.088	6.085	-0.171	6.092	-0.692	7.995	0.144	8.005	0.605	8.011	0.613	8.018	0.418
6.097	-0.414	6.101	-0.365	6.108	-0.268	6.115	-0.734	8.026	0.398	8.031	0.426	8.036	0.405	8.042	0.440
6.124	-0.608	6.128	-0.810	6.137	-0.659	6.146	-1.004	8.046	-0.151	8.051	0.141	8.056	0.169	8.058	0.260
6.153	-0.768	6.160	-0.692	6.170	-0.268	6.180	0.058	8.066	0.107	8.070	0.079	8.073	-0.136	8.076	-0.164
6.185	0.079	6.189	0.051	6.194	-0.046	6.199	-0.046	8.082	-0.948	8.092	-0.450	8.098	-0.851	8.106	-0.691
6.208	-0.268	6.217	-0.310	6.220	-0.351	6.230	-0.198	8.109	-0.795	8.116	-0.739	8.123	-0.579	8.129	-0.628
6.237	-0.184	6.244	-0.080	6.262	-0.024	6.271	0.045	8.135	-0.766	8.141	-0.558	8.147	-0.419	8.159	-0.377
6.279	-0.031	6.284	-0.149	6.290	-0.205	6.300	-0.406	8.172	0.019	8.181	0.075	8.188	-0.609	8.200	0.089
6.313	-0.683	6.322	-0.746	6.338	-0.558	6.348	-0.440	8.204	0.082	8.215	0.200	8.222	-0.221	8.234	0.409
6.361	-0.488	6.370	-0.565	6.381	-0.481	6.391	-0.363	8.240	0.409	8.246	0.430	8.249	0.388	8.255	0.242
6.406	-0.196	6.425	-0.071	6.441	-0.036	6.454	0.048	8.265	-0.152	8.271	0.138	8.276	0.076	8.282	0.027
6.469	0.055	6.482	0.292	6.495	0.438	6.504	0.507	8.293	-0.111	8.301	-0.146	8.318	-0.090	8.323	-0.007
6.518	0.562	6.539	0.522	6.557	0.369	6.575	0.286	8.331	0.007	8.339	-0.055	8.348	-0.277	8.354	-0.555
6.588	0.279	6.602	0.156	6.608	-0.221	6.620	0.252	8.360	-0.840	8.371	-1.180	8.377	-1.325	8.387	-1.394
6.629	0.329	6.640	0.211	6.652	-0.102	6.660	-0.588	8.397	-1.933	8.408	-0.532	8.418	-0.149	8.430	0.789
6.669	-0.435	6.676	-0.664	6.681	-0.539	6.688	-0.636	8.439	1.199	8.445	1.283	8.451	1.248	8.462	2.298
6.698	-0.379	6.704	-0.400	6.710	-0.206	6.716	-0.136	8.466	1.700	8.473	1.319	8.480	1.409	8.486	1.368
6.725	0.086	6.734	0.017	6.745	-0.254	6.756	-0.338	8.492	0.958	8.498	1.068	8.501	0.792	8.508	0.772
6.768	-0.219	6.780	0.017	6.792	0.309	6.800	0.496	8.514	0.571	8.523	0.329	8.539	0.274	8.545	-0.274

8.551	0.255	8.556	0.276	8.561	0.561	8.564	0.485	10.304	0.463	10.316	0.547	10.322	0.485	10.332	0.450
8.568	0.714	8.573	0.624	8.578	0.687	8.582	0.611	10.339	0.479	10.346	0.555	10.358	0.604	10.372	0.757
8.588	0.688	8.594	0.605	8.600	0.578	8.606	0.613	10.390	0.792	10.404	0.660	10.412	0.412	10.419	0.749
8.621	0.635	8.636	0.650	8.644	0.602	8.654	0.402	10.435	0.205	10.428	0.237	10.436	0.035	10.448	0.000
8.665	0.118	8.670	-0.299	8.676	-0.201	8.683	-0.214	10.451	-0.083	10.460	0.014	10.466	-0.112	10.474	-0.119
8.695	-0.533	8.702	-0.519	8.715	-0.601	8.721	-0.698	10.484	-0.251	10.456	-0.523	10.513	-0.537	10.529	-0.336
8.733	-0.767	8.742	-0.851	8.754	-0.545	8.764	-0.357	10.540	-0.127	10.551	-0.079	10.566	-0.141	10.570	-0.106
8.775	-0.051	8.781	0.109	8.786	0.137	8.800	-0.112	10.585	-0.134	10.603	0.046	10.615	0.185	10.622	0.256
8.811	-0.598	8.817	-0.598	8.825	-0.612	8.838	-0.438	10.636	0.063	10.704	-0.476	10.718	-0.149	10.726	-0.184
8.850	-0.271	8.864	-0.187	8.881	0.105	8.891	0.424	10.694	0.636	10.745	-0.463	10.754	-1.276	10.762	-0.515
8.904	0.730	8.911	0.862	8.916	0.876	8.920	0.835	10.739	-0.574	10.745	-0.000	10.826	0.041	10.835	-0.070
8.931	0.543	8.946	0.189	8.950	0.106	8.955	0.197	10.767	-0.360	10.770	-0.342	10.860	-0.370	10.872	-0.669
8.961	-0.790	8.977	0.350	8.985	0.295	8.988	0.295	10.788	-0.207	10.754	-0.069	10.800	0.132	10.806	0.084
8.994	-0.135	9.001	0.122	9.005	0.052	9.011	0.150	10.811	0.125	10.819	-0.000	10.826	0.041	10.835	-0.070
9.014	0.543	9.019	-0.003	9.027	-0.537	9.033	-0.468	10.845	-0.112	10.853	-0.342	10.860	-0.370	10.872	-0.669
9.036	-0.606	9.064	-0.279	9.069	-0.057	9.077	0.020	10.913	-0.559	10.918	-0.469	10.932	-0.121	10.948	0.212
9.087	-0.365	9.096	-0.424	9.105	-0.882	9.112	-0.868	10.961	0.580	10.974	0.657	11.000	0.712	11.014	0.636
9.118	-0.993	9.128	-0.840	9.132	-0.839	9.138	-0.492	11.024	0.643	11.039	0.740	11.051	0.748	11.055	0.595
9.140	-0.374	9.144	-0.158	9.151	-0.130	9.155	0.113	11.061	0.720	11.070	0.498	11.078	0.574	11.084	0.463
9.163	0.315	9.174	0.399	9.193	0.310	9.201	0.039	11.095	0.582	11.101	0.575	11.109	0.707	11.120	0.767
9.209	-0.016	9.219	-0.113	9.231	-0.036	9.241	0.132	11.124	0.735	11.131	0.552	11.140	0.638	11.147	0.583
9.256	0.244	9.269	0.266	9.283	0.371	9.299	0.546	11.157	0.576	11.164	0.521	11.178	0.500	11.182	0.014
9.316	0.707	9.327	0.764	9.335	0.764	9.347	0.557	11.187	0.326	11.192	0.536	11.197	0.611	11.202	0.549
9.357	0.189	9.363	0.037	9.368	0.037	9.372	-1.248	11.207	0.612	11.211	0.528	11.216	0.501	11.222	0.445
9.383	-0.414	9.390	-1.032	9.398	-0.809	9.406	-1.315	11.227	0.445	11.231	0.265	11.245	0.015	11.251	-0.416
9.414	-1.169	9.420	-1.287	9.429	-1.112	9.436	-1.237	11.256	-0.238	11.263	-0.214	11.269	-0.451	11.275	-0.339
9.441	-0.813	9.445	-0.896	9.452	-0.819	9.458	-0.756	11.286	-0.373	11.292	-0.207	11.300	-0.151	11.307	-0.269
9.465	-0.791	9.472	-0.769	9.478	-0.749	9.488	-0.589	11.319	-0.109	11.328	-0.213	11.346	0.121	11.364	0.440
9.498	-0.234	9.503	-0.111	9.509	0.217	9.512	0.328	11.383	0.572	11.402	0.670	11.417	0.572	11.434	0.274
9.519	0.572	9.529	0.836	9.535	1.051	9.538	1.079	11.441	0.239	11.445	-0.261	11.450	-0.032	11.454	0.024
9.544	1.058	9.549	0.919	9.557	1.593	9.563	0.802	11.459	0.204	11.463	0.135	11.468	0.184	11.472	0.045
9.570	0.482	9.575	0.482	9.580	0.142	9.586	-0.052	11.479	0.017	11.486	-0.399	11.492	-0.288	11.498	-0.378
9.597	-0.080	9.605	-1.386	9.615	-0.545	9.623	-1.379	11.504	-0.614	11.508	-0.558	11.515	-0.607	11.523	-0.801
9.629	-1.038	9.637	-1.740	9.641	-1.594	9.647	-1.566	11.530	-0.703	11.536	-0.773	11.542	-0.613	11.553	-0.425
9.653	-1.691	9.661	-1.579	9.669	-1.510	9.675	-1.357	11.557	-0.244	11.573	-0.042	11.579	0.070	11.584	0.098
9.685	-1.107	9.691	-1.023	9.698	-0.801	9.707	-0.662	11.590	0.077	11.601	0.119	11.610	0.092	11.618	0.079
9.710	-0.634	9.714	-0.398	9.718	-0.357	9.720	-0.335	11.631	-0.074	11.640	0.177	11.657	-0.197	11.672	-0.197
9.728	-0.328	9.733	-0.224	9.738	-0.147	9.743	-0.098	11.686	-0.368	11.705	-0.551	11.719	-0.654	11.728	-0.627
9.751	-0.168	9.755	-0.119	9.761	-0.119	9.766	-0.105	11.745	-0.411	11.759	-0.175	11.774	0.117	11.753	0.305
9.774	-0.160	9.784	-0.112	9.793	-0.091	9.805	-0.104	11.801	0.347	11.820	0.256	11.833	0.104	11.848	-0.068
9.815	-0.153	9.827	-0.340	9.835	-0.340	9.842	-0.409	11.858	-0.167	11.876	-0.313	11.889	-0.438	11.900	-0.494
9.849	0.238	9.859	0.458	9.874	0.353	9.890	0.033	11.910	-0.466	11.923	-0.376	11.933	-0.362	11.942	-0.383
9.904	0.739	9.914	0.342	9.932	0.426	9.951	0.635	11.954	-0.306	11.965	-0.167	11.978	-0.022	11.986	0.041
9.962	0.697	9.981	0.816	9.987	0.802	9.994	0.892	11.995	0.021	12.005	-0.139	12.013	-0.298	12.024	-0.451
10.029	-1.088	10.041	-0.463	10.052	-1.157	10.025	-0.142	12.034	-0.492	12.048	-0.378	12.060	-0.491	12.066	-0.505
10.064	-1.414	10.073	-0.990	10.080	-1.164	10.089	-0.643	12.075	-0.442	12.084	-0.351	12.103	-0.211	12.119	-0.009
10.096	-0.434	10.105	0.101	10.109	0.136	10.115	0.469	12.133	0.159	12.145	0.252	12.151	0.320	12.162	0.321
10.119	0.457	10.125	0.775	10.138	1.081	10.148	1.269	12.175	0.335	12.251	0.057	12.205	-0.159	12.211	0.067
10.161	1.151	10.170	1.707	10.178	1.298	10.182	0.818	12.233	-0.644	12.290	0.393	12.302	-0.344	12.316	-0.218
10.188	0.853	10.200	0.458	10.204	0.416	10.209	0.194	12.279	-0.359	12.335	-0.216	12.352	-0.347	12.361	-0.381
10.213	0.167	10.219	-0.312	10.226	-0.027	10.232	0.021	12.330	-0.175	12.356	-0.324	12.411	-0.267	12.420	-0.232
10.239	-0.041	10.244	0.029	10.254	-0.235	10.260	-0.019	12.431	-0.078	12.443	0.089	12.456	0.208	12.466	0.202
10.263	0.023	10.268	0.204	10.274	0.190	10.278	0.267	12.479	0.333	12.489	-0.020	12.457	-0.040	12.503	-0.123
10.283	0.232	10.288	0.288	10.293	0.282	10.300	0.386	12.519	-0.172	12.525	-0.164	12.537	-0.268	12.550	-0.400

12.567	-0.594	12.579	-0.788	12.597	-0.822	12.613	-0.732	15.007	-0.565	15.012	-0.648	15.020	-0.613	15.026	-0.683
12.625	-0.599	12.640	-0.425	12.654	-0.272	12.673	-0.174	15.035	-0.787	15.048	-0.821	15.057	-0.835	15.077	-0.640
12.691	-0.105	12.701	-0.118	12.717	-0.271	12.734	-0.410	15.085	-0.522	15.098	-0.404	15.113	-0.292	15.126	-0.216
12.751	-0.465	12.768	-0.500	12.783	-0.389	12.802	-0.319	15.132	-0.132	15.145	-0.067	15.158	0.007	15.163	0.049
12.816	-0.367	12.832	-0.499	12.844	-0.499	12.868	-0.499	15.174	0.049	15.185	0.063	15.198	0.070	15.210	0.099
12.855	-0.478	12.869	-0.395	12.877	-0.332	12.888	-0.276	15.221	0.161	15.229	0.224	15.242	0.315	15.258	0.329
12.898	-0.234	12.906	-0.179	12.916	-0.144	12.921	-0.164	15.277	0.330	15.302	0.358	15.315	0.428	15.325	0.414
12.927	-0.192	12.938	-0.234	12.945	-0.254	12.955	-0.282	15.337	0.387	15.344	0.338	15.351	0.276	15.358	0.165
12.963	-0.309	12.972	-0.254	12.980	-0.177	12.987	-0.149	15.364	0.096	15.375	0.056	15.382	-0.029	15.394	-0.077
12.992	-0.038	12.997	0.032	13.002	0.073	13.005	0.087	15.407	-0.063	15.421	-0.056	15.436	-0.021	15.449	-0.027
13.010	0.136	13.022	0.192	13.032	0.206	13.038	0.213	15.463	0.070	15.474	0.258	15.487	0.404	15.500	0.509
13.048	0.331	13.054	0.352	13.067	0.366	13.072	0.332	15.516	0.551	15.534	0.635	15.546	0.698	15.560	0.788
13.080	0.269	13.088	0.290	13.098	0.193	13.108	0.103	15.576	0.872	15.586	0.873	15.613	0.838	15.624	0.713
13.116	0.048	13.123	-0.029	13.132	-0.174	13.147	-0.278	15.637	0.512	15.644	0.408	15.652	0.366	15.656	0.332
13.156	-0.362	13.171	-0.445	13.184	-0.493	13.193	-0.500	15.662	-0.169	15.666	0.088	15.671	0.144	15.677	0.339
13.210	-0.381	13.228	-0.284	13.245	-0.214	13.258	-0.110	15.681	0.283	15.686	0.339	15.692	0.248	15.698	0.235
13.275	-0.019	13.289	-0.005	13.302	0.065	13.313	0.134	15.707	0.172	15.710	0.179	15.715	-0.231	15.724	-0.071
13.327	0.148	13.342	0.086	13.356	0.093	13.364	0.086	15.731	0.075	15.733	-0.036	15.745	-0.029	15.750	-0.057
13.376	0.308	13.388	0.010	13.400	-0.024	13.410	-0.135	15.759	0.006	15.772	-0.077	15.779	-0.029	15.791	-0.091
13.415	-0.239	13.426	-0.322	13.440	-0.461	13.453	-0.510	15.803	-0.077	15.809	-0.042	15.820	-0.049	15.826	-0.028
13.464	-0.516	13.480	-0.433	13.490	-0.321	13.500	-0.189	15.840	-0.070	15.852	-0.160	15.863	-0.264	15.874	-0.389
13.508	-0.029	13.518	-0.063	13.526	0.138	13.536	0.082	15.886	-0.438	15.902	-0.451	15.917	-0.437	15.929	-0.402
13.546	-0.022	13.558	-0.013	13.575	0.027	13.587	0.166	15.939	-0.284	15.952	-0.159	15.969	-0.048	15.981	-0.013
13.599	0.347	13.614	0.445	13.628	0.501	13.637	0.528	15.991	-0.006	16.007	-0.040	16.024	-0.096	16.036	-0.165
13.651	-0.124	13.662	0.355	13.670	0.237	13.678	0.175	16.055	-0.227	16.067	-0.303	16.081	-0.407	16.093	-0.504
13.683	0.487	13.695	0.252	13.707	0.321	13.722	0.301	16.112	-0.524	16.132	-0.579	16.144	-0.606	16.157	-0.606
13.731	0.259	13.738	0.016	13.742	-0.268	13.751	-0.192	16.173	-0.550	16.189	-0.480	16.204	-0.410	16.216	-0.347
13.757	-0.546	13.765	-0.511	13.773	-0.733	13.780	-0.601	16.228	-0.271	16.242	-0.194	16.256	-0.172	16.268	-0.179
13.786	-0.726	13.794	-0.608	13.799	-0.504	13.803	-0.517	16.280	-0.144	16.294	-0.088	16.310	0.010	16.325	0.094
13.818	-0.336	13.827	-0.239	13.838	-0.246	13.849	-0.211	16.349	0.241	16.355	0.304	16.371	0.346	16.385	0.346
13.861	-0.183	13.870	-0.030	13.882	0.102	13.888	0.214	16.402	0.256	16.413	0.146	16.423	0.028	16.437	-0.110
13.898	0.283	13.910	0.270	13.924	0.249	13.933	0.242	16.450	-0.242	16.463	-0.339	16.475	-0.401	16.486	-0.380
13.945	0.270	13.955	0.257	13.966	0.201	13.978	0.077	16.498	-0.345	16.508	-0.247	16.520	-0.212	16.532	-0.232
13.991	-0.014	14.007	-0.152	14.019	-0.263	14.028	-0.346	16.546	-0.253	16.561	-0.224	16.573	-0.175	16.588	-0.126
14.042	-0.353	14.056	-0.283	14.069	-0.053	14.079	0.093	16.599	-0.126	16.612	-0.202	16.622	-0.271	16.634	-0.374
14.091	0.190	14.105	0.191	14.114	0.073	14.125	-0.045	16.646	-0.395	16.659	-0.368	16.673	-0.269	16.680	-0.158
14.137	-0.218	14.139	-0.253	14.145	-0.315	14.155	-0.371	16.690	-0.053	16.705	0.038	16.720	0.038	16.736	0.067
14.167	-0.440	14.177	-0.426	14.189	-0.252	14.201	-0.119	16.750	0.012	16.762	-0.030	16.780	-0.078	16.790	-0.140
14.217	0.027	14.231	0.243	14.241	0.347	14.251	0.417	16.803	-0.223	16.816	-0.252	16.830	-0.333	16.843	-0.360
14.271	0.439	14.293	0.447	14.311	0.440	14.321	0.399	16.860	-0.353	16.876	-0.345	16.889	-0.338	16.902	-0.352
14.331	0.295	14.339	0.198	14.345	-0.142	14.359	0.115	16.911	-0.372	16.922	-0.379	16.933	-0.330	16.947	-0.197
14.366	0.088	14.370	0.116	14.377	-0.134	14.391	0.179	16.959	-0.141	16.970	-0.141	16.983	-0.217	16.990	-0.237
14.397	0.006	14.410	0.159	14.417	0.083	14.425	0.118	17.003	-0.258	17.015	-0.223	17.024	-0.167	17.032	-0.104
14.433	0.090	14.444	0.257	14.451	0.258	14.462	0.330	17.045	-0.048	17.067	-0.040	17.081	-0.068	17.093	-0.123
14.475	0.460	14.489	0.453	14.503	0.398	14.515	0.468	17.101	-0.185	17.106	-0.159	17.115	-0.233	17.129	-0.212
14.526	0.483	14.545	0.455	14.553	0.414	14.560	0.296	17.140	-0.184	17.153	-0.155	17.160	-0.127	17.172	-0.064
14.576	0.380	14.588	0.401	14.588	0.408	14.601	0.499	17.179	-0.002	17.198	0.034	17.219	0.021	17.233	0.028
14.616	0.618	14.632	0.625	14.647	0.640	14.657	0.619	17.239	-0.053	17.250	-0.084	17.263	-0.099	17.276	-0.030
14.664	0.529	14.676	0.404	14.681	0.314	14.686	0.002	17.287	-0.053	17.299	-0.136	17.316	-0.191	17.330	-0.232
14.701	0.176	14.710	-0.081	14.718	0.003	14.728	0.003	17.343	-0.246	17.353	-0.162	17.365	-0.002	17.374	0.075
14.732	0.017	14.740	-0.093	14.747	0.018	14.758	-0.072	17.387	0.110	17.396	0.110	17.405	0.090	17.419	0.000
14.773	0.012	14.779	0.068	14.786	0.026	14.794	0.096	17.434	-0.042	17.448	-0.013	17.455	0.056	17.473	0.105
14.810	0.034	14.823	-0.000	14.830	-0.042	14.846	0.036	17.488	0.154	17.501	0.224	17.515	0.287	17.533	0.287
14.859	0.181	14.872	0.293	14.888	0.356	14.915	0.349	17.550	0.246	17.560	0.212	17.580	0.150	17.596	0.060
14.933	0.301	14.946	0.135	14.956	0.031	14.961	-0.309	17.606	-0.044	17.611	-0.072	17.626	-0.120	17.640	-0.169
14.970	-0.170	14.975	-0.149	14.988	-0.461	14.999	-0.510	17.661	-0.210	17.680	-0.245	17.693	-0.265	17.710	-0.223

17.721	-0.154	17.733	-0.021	17.741	0.069	17.752	0.146	20.761	-0.044	20.772	-0.107	20.785	-0.156	20.802	-0.122
17.766	0.174	17.781	0.174	17.798	0.202	17.815	0.223	20.809	-0.080	20.829	-0.025	20.843	-0.039	20.858	-0.074
17.831	0.195	17.846	0.175	17.856	0.154	17.872	0.141	20.873	-0.116	20.894	-0.144	20.904	-0.152	20.923	-0.131
17.884	0.169	17.894	0.190	17.908	0.190	17.919	0.141	20.936	-0.090	20.949	-0.027	20.962	-0.028	20.975	-0.021
17.932	0.179	17.948	0.031	17.966	-0.011	17.982	0.010	20.963	-0.000	20.995	-0.070	21.010	-0.126	21.022	-0.126
17.992	0.045	18.004	0.087	18.021	0.115	18.035	0.115	21.039	-0.147	21.053	-0.105	21.072	-0.036	21.085	0.040
18.048	0.074	18.057	0.033	18.071	-0.023	18.086	-0.078	21.097	0.103	21.109	0.103	21.121	0.235	21.138	0.248
18.100	-0.078	18.126	-0.056	18.151	-0.062	18.172	-0.041	21.152	0.234	21.169	0.112	21.183	0.055	21.195	0.019
18.189	0.001	18.203	0.120	18.216	0.210	18.231	0.252	21.212	0.072	21.232	-0.100	21.251	-0.059	21.269	-0.004
18.243	0.232	18.255	0.149	18.269	0.032	18.282	0.011	21.289	-0.039	21.301	-0.060	21.323	0.002	21.338	0.133
18.296	-0.065	18.304	-0.162	18.315	-0.217	18.336	-0.203	21.349	0.210	21.364	0.258	21.382	0.264	21.400	0.187
18.356	-0.126	18.374	-0.056	18.391	0.015	18.401	0.050	21.420	0.159	21.440	0.172	21.470	0.144	21.484	0.046
18.413	0.078	18.427	0.127	18.439	0.183	18.448	0.197	21.516	-0.045	21.529	-0.094	21.544	-0.157	21.562	-0.248
18.468	0.198	18.479	0.170	18.493	0.163	18.507	0.191	21.519	-0.352	21.558	-0.374	21.617	-0.332	21.633	-0.235
18.521	0.304	18.536	0.233	18.549	0.225	18.564	0.290	21.651	-0.138	21.672	-0.055	21.684	0.007	21.695	0.063
18.573	0.304	18.588	0.283	18.601	0.221	18.609	0.179	21.715	0.091	21.731	0.042	21.746	-0.035	21.755	-0.035
18.623	0.096	18.638	0.068	18.653	0.103	18.671	0.117	21.774	0.076	21.793	0.090	21.812	-0.083	21.833	0.048
18.689	0.089	18.703	0.019	18.717	-0.023	18.726	-0.023	21.847	0.034	21.863	-0.014	21.876	-0.042	21.902	-0.028
18.742	-0.030	18.758	0.025	18.771	0.102	18.781	0.164	21.927	-0.035	21.950	-0.027	21.975	0.001	21.993	0.015
18.792	0.171	18.800	0.136	18.807	0.045	18.821	-0.017	22.011	0.042	22.031	0.029	22.055	-0.054	22.151	-0.073
18.835	-0.059	18.846	-0.101	18.858	-0.102	18.871	-0.067	22.093	-0.137	22.113	-0.018	22.131	-0.011	22.251	0.067
18.885	-0.047	18.896	-0.096	18.905	-0.172	18.920	-0.235	22.160	-0.100	22.175	-0.012	22.188	-0.018	22.257	0.063
18.931	-0.312	18.941	-0.340	18.955	-0.333	18.968	-0.292	22.216	-0.119	22.230	-0.012	22.240	-0.064	22.248	-0.105
18.979	-0.174	18.995	-0.043	19.003	0.068	19.010	0.096	22.268	-0.119	22.282	-0.083	22.294	-0.083	22.308	-0.152
19.025	0.151	19.034	0.158	19.050	0.130	19.066	0.060	22.320	-0.235	22.339	-0.269	22.360	-0.171	22.376	-0.045
19.075	0.025	19.083	-0.009	19.095	-0.072	19.109	-0.162	22.397	0.032	22.415	0.081	22.436	0.102	22.456	0.117
19.118	-0.197	19.133	-0.183	19.149	-0.100	19.163	-0.065	22.477	0.166	22.492	0.167	22.506	0.111	22.527	0.063
19.230	0.081	19.240	0.095	19.251	0.130	19.264	0.157	22.539	-0.064	22.554	0.043	22.568	-0.005	22.582	-0.067
19.272	0.164	19.282	0.164	19.290	0.109	19.300	0.039	22.606	-0.074	22.622	-0.059	22.641	-0.017	22.656	-0.045
19.309	0.005	19.318	-0.037	19.332	-0.016	19.351	0.095	22.674	-0.044	22.693	-0.005	22.708	0.047	22.725	-0.002
19.365	0.164	19.378	0.227	19.391	0.269	19.401	0.269	22.812	-0.084	22.829	-0.057	22.851	-0.034	22.867	0.028
19.409	0.192	19.419	0.116	19.430	0.032	19.451	-0.010	22.883	0.077	22.897	0.078	22.911	-0.043	22.925	-0.019
19.465	-0.045	19.480	-0.052	19.494	-0.066	19.509	-0.025	22.941	-0.012	22.953	0.030	22.967	0.086	22.980	0.052
19.521	0.031	19.532	0.107	19.548	0.127	19.562	0.155	22.989	-0.004	22.997	-0.017	23.015	-0.024	23.028	-0.010
19.575	0.156	19.589	0.245	19.601	0.279	19.615	0.300	23.140	-0.016	23.164	0.063	23.179	0.036	23.192	-0.005
19.632	0.321	19.645	0.286	19.654	0.188	19.662	0.126	23.216	0.009	23.235	0.072	23.251	0.115	23.273	0.178
19.669	0.077	19.681	0.049	19.695	0.091	19.708	0.111	23.298	0.206	23.318	0.235	23.342	0.187	23.356	0.111
19.718	0.125	19.730	0.084	19.739	0.014	19.749	-0.069	23.312	0.049	23.355	0.036	23.417	-0.005	23.448	-0.074
19.765	-0.104	19.781	-0.063	19.801	-0.014	19.813	-0.008	23.474	-0.073	23.495	-0.066	23.515	-0.017	23.528	-0.081
19.829	-0.035	19.841	-0.063	19.849	-0.070	19.870	-0.029	23.542	0.137	23.552	0.130	23.568	0.041	23.584	-0.007
19.893	0.013	19.908	0.082	19.923	0.103	19.930	0.096	23.608	-0.034	23.625	0.022	23.643	0.085	23.664	0.156
19.944	0.026	19.956	-0.023	19.963	-0.050	19.984	-0.072	23.684	0.205	23.722	0.152	23.722	0.102	23.736	0.020
19.991	-0.092	20.007	-0.127	20.020	-0.148	20.037	-0.183	23.757	-0.111	23.779	-0.165	23.800	-0.115	23.816	-0.010
20.049	-0.219	20.058	-0.302	20.072	-0.358	20.082	-0.379	23.833	0.060	23.850	0.056	23.869	0.055	23.888	0.001
20.102	-0.345	20.115	-0.276	20.127	-0.165	20.141	-0.033	23.907	-0.026	23.923	-0.019	23.943	-0.066	23.958	-0.080
20.152	0.084	20.168	0.140	20.182	0.160	20.192	0.132	23.977	-0.051	23.993	-0.009	24.015	0.027	24.037	-0.035
20.205	0.097	20.217	0.097	20.236	0.103	20.250	0.047	24.063	-0.040	24.079	-0.102	24.093	-0.136	24.116	-0.080
20.264	-0.002	20.284	-0.037	20.298	0.005	20.317	0.032	24.137	-0.030	24.160	-0.001	24.181	-0.028	24.207	0.057
20.338	0.030	20.357	0.052	20.377	0.121	20.395	0.163	24.234	0.031	24.253	-0.031	24.276	-0.057	24.290	-0.015
20.413	0.190	20.437	0.169	20.432	0.086	20.445	0.002	24.307	0.021	24.325	0.057	24.344	0.058	24.363	0.045
20.459	-0.081	20.469	-0.137	20.491	-0.081	20.510	-0.061	24.382	0.047	24.400	0.069	24.426	0.084	24.450	0.100
20.526	-0.102	20.536	-0.137	20.560	-0.117	20.577	-0.103	24.470	0.094	24.490	0.068	24.509	0.021	24.528	-0.006
20.594	-0.152	20.609	-0.138	20.626	-0.034	20.640	-0.056	24.541	-0.054	24.557	-0.102	24.566	-0.115	24.582	-0.100
20.660	0.076	20.678	0.048	20.689	0.013	20.698	0.020	24.612	-0.036	24.628	-0.007	24.647	-0.062	24.665	-0.116
20.714	0.103	20.728	0.144	20.743	0.088	20.752	0.018								

24.567	-0.150	24.703	-0.190	24.728	-0.162	24.746	-0.133	27.827	-0.071	27.842	0.030	27.855	0.003	27.865	-0.024
24.769	-0.125	24.789	-0.132	24.807	-0.110	24.820	-0.068	27.876	-0.024	27.890	-0.016	27.909	-0.002	27.923	0.040
24.843	-0.019	24.857	-0.023	24.882	0.010	24.903	-0.031	27.939	0.027	27.953	0.021	27.968	0.035	27.979	0.063
24.925	-0.058	24.944	-0.092	24.966	-0.147	24.981	-0.209	28.044	0.070	28.002	0.064	28.016	0.036	28.031	0.030
24.997	-0.271	25.018	-0.270	25.036	-0.186	25.053	-0.074	28.108	0.171	28.129	0.171	28.145	0.171	28.160	0.184
25.065	0.030	25.081	0.079	25.100	0.038	25.112	-0.003	28.174	0.081	28.187	0.054	28.199	0.040	28.214	0.040
25.126	-0.017	25.146	-0.002	25.163	-0.006	25.183	-0.042	28.263	0.019	28.269	0.006	28.269	0.047	28.283	0.103
25.201	-0.027	25.213	0.050	25.230	0.141	25.246	0.055	28.302	0.131	28.318	0.138	28.339	0.152	28.354	0.125
25.263	0.261	25.282	0.206	25.298	0.124	25.315	0.055	28.370	0.090	28.385	0.055	28.403	0.014	28.422	0.028
25.336	0.028	25.352	0.071	25.370	0.071	25.390	0.023	28.439	0.035	28.459	0.055	28.470	0.042	28.483	0.035
25.405	0.002	25.428	0.037	25.445	0.065	25.467	0.107	28.499	0.035	28.516	0.077	28.534	0.077	28.549	0.050
25.466	0.114	25.491	0.107	25.538	0.066	25.553	0.003	28.562	-0.022	28.568	-0.012	28.577	-0.040	28.590	-0.068
25.564	-0.045	25.575	-0.080	25.596	-0.150	25.615	-0.123	28.603	-0.074	28.617	-0.005	28.634	0.044	28.650	0.038
25.630	-0.061	25.642	0.008	25.656	0.105	25.667	0.140	28.658	0.024	28.669	-0.025	28.675	-0.059	28.688	-0.094
25.680	0.161	25.694	0.147	25.702	0.091	25.709	0.063	28.699	-0.114	28.710	-0.135	28.731	-0.093	28.748	-0.044
25.712	0.028	25.716	0.007	25.718	0.000	25.724	-0.027	28.768	-0.002	28.790	0.040	28.808	0.048	28.819	0.034
25.730	-0.055	25.737	-0.069	25.743	-0.082	25.753	-0.089	28.840	-0.007	28.863	-0.028	28.878	-0.013	28.894	0.022
25.762	-0.089	25.769	-0.068	25.782	-0.053	25.794	-0.018	28.910	0.043	28.926	0.050	28.938	0.009	28.952	-0.060
25.800	-0.053	25.814	-0.018	25.824	0.003	25.834	0.019	28.966	-0.094	28.980	-0.108	28.994	-0.121	29.016	-0.106
25.846	0.046	25.855	0.032	25.864	0.018	25.877	0.019	29.033	-0.105	29.046	-0.063	29.059	0.038	29.072	0.050
25.889	0.047	25.901	0.047	25.912	0.048	25.922	0.069	29.082	-0.064	29.098	0.058	29.115	0.038	29.135	0.025
25.932	0.083	25.940	0.083	25.958	0.070	25.969	0.056	29.156	0.041	29.171	0.041	29.185	0.014	29.209	-0.020
25.977	0.050	25.997	0.022	26.011	-0.019	26.024	-0.040	29.222	-0.047	29.245	-0.046	29.262	-0.031	29.276	-0.031
26.034	-0.046	26.052	-0.032	26.072	-0.025	26.082	-0.024	29.294	-0.044	29.310	-0.058	29.330	-0.050	29.338	-0.043
26.096	-0.003	26.110	-0.010	26.125	-0.023	26.141	-0.002	29.346	-0.078	29.357	-0.058	29.361	-0.119	29.372	-0.126
26.157	0.040	26.173	0.041	26.188	0.006	26.199	-0.021	29.387	-0.125	29.402	-0.057	29.416	-0.014	29.437	0.036
26.209	-0.049	26.221	-0.048	26.231	-0.027	26.240	-0.006	29.453	0.043	29.465	0.043	29.478	0.051	29.498	0.017
26.311	-0.025	26.327	-0.031	26.338	-0.017	26.350	-0.016	29.516	-0.017	29.534	-0.037	29.558	-0.057	29.577	-0.084
26.365	0.019	26.378	0.034	26.395	0.055	26.408	0.077	29.589	-0.091	29.603	-0.111	29.619	-0.117	29.638	-0.109
26.421	0.084	26.435	0.078	26.448	0.037	26.464	0.031	29.661	-0.094	29.685	-0.072	29.700	-0.043	29.714	-0.022
26.477	0.052	26.488	0.067	26.499	0.081	26.507	0.081	29.726	-0.028	29.742	-0.013	29.756	0.022	29.772	0.009
26.519	0.075	26.531	0.027	26.541	-0.007	26.551	-0.020	29.784	-0.005	29.793	-0.039	29.808	-0.080	29.826	-0.031
26.563	-0.027	26.578	0.002	26.592	0.058	26.606	0.080	29.836	-0.017	29.859	0.032	29.882	0.067	29.899	0.054
26.617	0.080	26.631	0.046	26.644	0.040	26.662	0.034	29.914	0.026	29.931	0.005	29.947	-0.015	29.966	-0.022
26.676	0.063	26.687	0.091	26.698	0.105	26.712	0.099	29.978	-0.015	29.992	0.034	30.005	0.076	30.023	0.097
26.726	0.079	26.737	0.059	26.753	0.023	26.762	-0.002	30.040	0.090	30.059	0.057	30.073	0.083	30.086	0.055
26.772	-0.030	26.784	-0.050	26.801	-0.098	26.814	-0.167	30.098	0.013	30.108	-0.015	30.122	-0.021	30.139	-0.008
26.829	-0.173	26.843	-0.145	26.855	-0.110	26.867	-0.067	30.159	-0.000	30.176	-0.000	30.199	-0.021	30.218	-0.062
26.880	-0.011	26.895	0.066	26.910	0.087	26.926	0.088	30.242	-0.062	30.263	-0.048	30.282	-0.034	30.297	0.001
26.943	0.075	26.963	0.062	26.975	0.048	26.992	0.021	30.316	0.036	30.331	0.071	30.346	0.065	30.374	0.052
27.006	0.008	27.018	-0.005	27.038	0.023	27.053	0.045	30.399	0.038	30.422	0.025	30.433	-0.002	30.446	-0.044
27.067	0.052	27.081	0.039	27.094	0.005	27.105	-0.022	30.459	-0.050	30.467	-0.057	30.488	-0.056	30.501	-0.014
27.118	-0.022	27.135	0.028	27.151	0.049	27.163	0.084	30.519	0.000	30.534	0.007	30.553	0.070	30.575	0.099
27.175	0.078	27.185	0.044	27.196	0.017	27.209	-0.010	30.589	0.052	30.601	0.066	30.623	0.072	30.643	0.087
27.220	-0.030	27.234	-0.050	27.247	-0.035	27.259	-0.027	30.661	0.094	30.675	0.055	30.692	0.088	30.713	0.068
27.269	-0.006	27.285	-0.009	27.304	0.010	27.318	0.011	30.732	-0.007	30.748	-0.041	30.765	-0.020	30.784	-0.000
27.333	0.012	27.349	-0.021	27.357	-0.055	27.366	-0.083	30.802	-0.007	30.815	-0.006	30.831	-0.020	30.838	-0.020
27.377	-0.089	27.392	-0.067	27.405	-0.045	27.419	-0.044	30.854	-0.026	30.863	-0.019	30.883	-0.011	30.896	-0.004
27.433	-0.043	27.448	-0.049	27.463	-0.061	27.475	-0.053	30.905	0.052	30.911	0.066	30.931	0.060	30.946	0.047
27.492	-0.059	27.501	-0.072	27.515	-0.064	27.527	-0.050	30.957	0.040	30.972	0.034	30.985	0.041	30.996	0.042
27.541	-0.014	27.555	0.022	27.565	0.029	27.580	-0.012	31.010	0.014	31.020	-0.006	31.032	-0.013	31.049	0.002
27.593	-0.045	27.607	-0.058	27.627	-0.071	27.645	-0.084	31.069	0.023	31.085	0.031	31.100	0.073	31.112	0.088
27.668	-0.089	27.686	-0.081	27.702	-0.080	27.716	-0.079	31.129	0.102	31.142	0.123	31.151	0.130	31.165	0.131
27.728	-0.086	27.741	-0.092	27.754	-0.105	27.768	-0.070	31.179	0.103	31.194	0.076	31.210	0.062	31.216	0.062
27.769	-0.070	27.782	-0.028	27.795	0.021	27.811	0.057	31.232	0.049	31.248	0.015	31.260	0.015	31.274	-0.013

31.291	-0.012	31.303	0.002	31.313	0.016	31.320	0.037	34.071	-0.034	34.081	-0.041	34.094	-0.041	34.104	-0.047
31.326	0.051	31.336	0.058	31.350	0.100	31.361	0.108	34.109	-0.047	34.125	-0.019	34.140	0.024	34.154	0.038
31.379	0.122	31.389	0.122	31.389	0.136	31.397	0.143	34.167	0.053	34.178	0.060	34.187	0.046	34.196	0.033
31.408	0.144	31.421	0.158	31.435	0.123	31.448	0.117	34.211	0.005	34.219	-0.016	34.225	-0.029	34.241	-0.029
31.456	0.096	31.464	0.076	31.474	0.069	31.488	0.076	34.254	-0.022	34.267	-0.029	34.277	-0.022	34.292	0.007
31.502	0.097	31.513	0.091	31.526	0.070	31.539	0.050	34.303	0.083	34.313	0.132	34.324	0.188	34.336	0.216
31.548	0.029	31.559	0.016	31.569	0.002	31.581	-0.012	34.349	0.209	34.361	0.189	34.376	0.141	34.387	0.106
31.593	-0.011	31.610	-0.004	31.622	0.003	31.636	0.011	34.405	0.086	34.411	0.066	34.425	0.038	34.439	-0.031
31.664	0.011	31.663	0.018	31.670	0.019	31.681	0.019	34.445	-0.051	34.457	-0.134	34.465	-0.155	34.476	-0.154
31.694	0.026	31.708	0.034	31.724	0.055	31.732	0.055	34.490	-0.112	34.502	-0.028	34.513	0.063	34.525	0.139
31.753	0.035	31.772	0.022	31.788	0.016	31.797	0.016	34.536	0.209	34.551	0.259	34.566	0.288	34.575	0.288
31.810	0.023	31.822	0.031	31.831	0.031	31.845	0.018	34.588	0.275	34.597	0.227	34.607	0.159	34.617	0.076
31.860	0.012	31.874	0.019	31.889	0.041	31.901	0.048	34.678	0.046	34.667	0.043	34.654	0.051	34.667	0.066
31.914	0.049	31.928	0.022	31.937	0.008	31.949	0.002	34.716	0.052	34.725	0.053	34.734	0.107	34.749	0.133
31.964	0.016	31.977	0.052	31.992	0.045	32.005	0.018	34.763	0.103	34.774	0.074	34.785	0.060	34.795	0.039
32.014	0.011	32.025	0.011	32.038	0.019	32.057	0.026	34.804	0.039	34.815	0.060	34.827	0.067	34.833	0.039
32.072	0.033	32.087	0.027	32.101	0.016	32.114	-0.014	34.841	0.065	34.845	-0.036	34.856	-0.077	34.859	-0.084
32.126	-0.049	32.134	-0.069	32.149	-0.097	32.165	-0.117	34.866	-0.098	34.878	-0.050	34.882	-0.048	34.889	-0.013
32.180	-0.096	32.189	-0.082	32.204	-0.034	32.218	-0.046	34.857	0.043	34.906	0.052	34.915	0.156	34.927	0.198
32.232	-0.039	32.247	-0.038	32.257	-0.045	32.268	0.044	34.934	0.226	34.941	0.220	34.947	0.192	34.957	0.137
32.287	-0.037	32.299	-0.022	32.312	-0.001	32.323	0.013	34.965	0.075	34.976	0.033	34.950	0.020	35.003	0.057
32.331	0.013	32.346	0.041	32.356	0.055	32.369	0.076	35.011	0.138	35.022	0.173	35.028	0.166	35.037	0.117
32.381	0.110	32.392	0.152	32.403	0.166	32.421	0.153	35.045	0.041	35.053	-0.018	35.060	-0.008	35.064	0.013
32.435	0.146	32.455	0.126	32.464	0.120	32.479	0.106	35.077	0.062	35.083	0.132	35.091	0.222	35.102	0.258
32.492	0.107	32.502	0.100	32.514	0.054	32.528	0.067	35.112	0.265	35.124	0.209	35.136	0.127	35.153	0.086
32.544	0.053	32.555	0.040	32.566	0.012	32.578	-0.009	35.166	0.073	35.180	0.032	35.199	-0.002	35.207	-0.023
32.591	-0.008	32.601	-0.008	32.614	0.006	32.628	0.020	35.219	-0.037	35.233	-0.043	35.248	-0.036	35.257	0.027
32.647	0.048	32.663	0.062	32.677	0.062	32.694	0.048	35.271	0.090	35.287	0.138	35.258	0.145	35.314	0.090
32.710	0.034	32.724	0.034	32.741	0.014	32.758	-0.023	35.327	0.065	35.341	0.048	35.359	0.042	35.375	0.083
32.773	-0.034	32.784	-0.048	32.800	-0.047	32.814	-0.033	35.389	0.041	35.398	-0.008	35.407	-0.084	35.419	-0.119
32.827	-0.025	32.842	-0.025	32.854	-0.024	32.869	-0.023	35.438	-0.195	35.455	-0.209	35.469	-0.202	35.489	-0.140
32.876	0.016	32.891	-0.001	32.897	-0.001	32.912	0.000	35.503	-0.070	35.517	0.008	35.534	0.062	35.549	0.090
32.932	0.015	32.947	0.030	32.959	0.044	32.971	0.059	35.568	0.069	35.574	0.048	35.555	0.027	35.615	0.062
32.985	0.074	33.006	0.046	33.020	0.005	33.040	-0.022	35.633	0.090	35.644	0.104	35.656	0.104	35.667	0.090
33.052	-0.043	33.067	-0.043	33.081	-0.084	33.093	-0.091	35.675	0.083	35.692	0.057	35.708	0.131	35.724	0.166
33.111	-0.076	33.129	-0.055	33.142	-0.041	33.155	-0.034	35.735	0.166	35.748	0.117	35.764	0.062	35.772	0.020
33.161	-0.027	33.175	-0.033	33.185	-0.068	33.188	-0.075	35.782	-0.007	35.754	-0.014	35.804	-0.007	35.821	0.021
33.197	-0.082	33.206	-0.088	33.213	-0.088	33.220	-0.088	35.832	0.014	35.847	0.014	35.858	0.063	35.869	0.119
33.236	-0.088	33.249	-0.081	33.256	-0.074	33.274	-0.046	35.884	0.168	35.900	0.168	35.913	0.162	35.932	0.141
33.283	-0.018	33.297	-0.018	33.315	-0.025	33.330	-0.025	35.946	0.114	35.965	0.086	35.956	0.094	36.006	0.088
33.340	-0.031	33.348	-0.017	33.358	-0.016	33.372	-0.036	36.024	0.081	36.041	0.061	36.058	0.054	36.077	0.069
33.387	-0.036	33.397	-0.021	33.419	0.008	33.427	0.022	36.087	0.048	36.103	0.035	36.110	0.028	36.126	-0.013
33.436	0.023	33.448	0.010	33.457	0.010	33.465	0.010	36.142	-0.020	36.165	-0.005	36.185	0.023	36.195	0.023
33.474	0.017	33.488	0.031	33.500	0.032	33.514	0.066	36.214	0.038	36.228	0.021	36.235	0.025	36.251	0.004
33.522	0.073	33.531	0.073	33.544	0.087	33.554	0.074	36.271	-0.016	36.287	-0.002	36.308	0.012	36.315	0.012
33.564	0.060	33.577	0.019	33.587	0.005	33.598	-0.008	36.332	0.095	36.348	0.116	36.359	0.095	36.370	0.100
33.608	-0.035	33.620	-0.056	33.629	-0.076	33.636	-0.083	36.380	-0.016	36.393	-0.015	36.411	-0.093	36.427	-0.132
33.643	-0.082	33.654	-0.082	33.668	-0.074	33.677	-0.073	36.447	-0.045	36.469	-0.032	36.486	-0.074	36.501	-0.087
33.693	-0.086	33.704	-0.086	33.720	-0.078	33.733	-0.063	36.519	-0.031	36.535	0.004	36.550	-0.018	36.560	-0.032
33.747	-0.013	33.760	0.002	33.771	0.037	33.776	0.059	36.572	-0.032	36.581	0.025	36.605	-0.002	36.623	-0.037
33.784	0.059	33.797	0.046	33.811	0.020	33.819	-0.001	36.638	-0.050	36.653	-0.043	36.671	0.013	36.684	0.041
33.834	-0.007	33.852	0.022	33.860	0.043	33.871	0.051	36.703	0.041	36.722	0.062	36.740	0.056	36.755	0.042
33.886	0.073	33.894	0.073	33.911	0.067	33.923	0.067	36.770	0.070	36.786	0.084	36.795	0.078	36.811	0.050
33.934	0.054	33.943	0.026	33.955	-0.002	33.971	-0.050	36.827	0.037	36.845	0.010	36.860	-0.031	36.880	-0.058
33.976	-0.064	33.986	-0.057	33.997	-0.049	34.009	-0.028	36.896	-0.057	36.905	-0.050	36.921	-0.001	36.932	0.021
34.019	-0.007	34.036	-0.007	34.047	-0.028	34.059	-0.027								

36.951	0.077	36.967	0.106	36.978	0.099	36.995	0.079	39.970	0.069	39.986	0.050	39.997	0.058	40.023	0.060
37.014	0.045	37.025	0.018	37.035	0.025	37.053	0.054	40.027	0.053	40.038	0.047	40.052	0.034	40.061	0.035
37.062	0.061	37.080	0.069	37.095	0.056	37.111	0.070	40.071	0.050	40.084	0.064	40.097	0.085	40.107	0.093
37.122	0.057	37.135	0.043	37.149	0.043	37.168	0.071	40.119	0.093	40.128	0.086	40.139	0.066	40.150	0.052
37.183	0.092	37.194	0.086	37.213	0.086	37.229	0.100	40.162	0.046	40.174	0.046	40.187	0.039	40.204	0.019
37.237	0.100	37.252	0.114	37.269	0.120	37.293	0.113	40.222	0.013	40.236	0.006	40.247	0.000	40.258	0.000
37.320	0.085	37.330	0.057	37.347	0.036	37.365	0.036	40.270	0.007	40.288	0.043	40.302	0.004	40.316	0.071
37.379	0.044	37.396	0.037	37.417	0.003	37.430	0.018	40.328	0.075	40.338	0.066	40.349	0.080	40.361	0.067
37.442	0.025	37.461	0.010	37.486	0.027	37.504	0.063	40.375	0.061	40.387	0.055	40.403	0.050	40.413	0.030
37.517	0.057	37.534	0.037	37.554	0.004	37.568	0.024	40.427	0.017	40.441	0.005	40.453	0.015	40.465	0.035
37.579	0.016	37.598	0.040	37.617	0.069	37.636	0.034	40.472	0.034	40.483	0.020	40.492	0.005	40.504	0.003
37.646	0.021	37.666	0.000	37.683	0.028	37.695	0.029	40.516	0.011	40.530	0.012	40.543	0.013	40.553	0.021
37.711	0.026	37.722	0.047	37.740	0.067	37.757	0.045	40.565	0.036	40.578	0.064	40.589	0.079	40.599	0.100
37.774	0.058	37.785	0.078	37.796	0.099	37.815	0.112	40.611	0.108	40.622	0.108	40.635	0.101	40.650	0.081
37.829	0.048	37.845	0.020	37.859	0.026	37.874	0.011	40.670	0.067	40.684	0.039	40.696	0.025	40.709	0.032
37.886	0.003	37.896	0.046	37.911	0.067	37.922	0.061	40.721	0.045	40.733	0.051	40.748	0.057	40.763	0.050
37.937	0.055	37.957	0.049	37.971	0.057	37.984	0.058	40.771	0.050	40.786	0.070	40.801	0.105	40.817	0.119
37.997	0.037	38.012	0.052	38.030	0.053	38.042	0.054	40.832	0.133	40.844	0.140	40.854	0.133	40.864	0.113
38.056	0.055	38.064	0.041	38.085	0.001	38.105	0.009	40.875	0.085	40.886	0.051	40.908	0.031	40.917	0.010
38.119	0.031	38.136	0.032	38.150	0.033	38.166	0.013	40.927	0.003	40.939	0.004	40.953	0.018	40.966	0.039
38.178	0.014	38.191	0.013	38.207	0.033	38.221	0.032	40.982	0.046	40.995	0.060	41.010	0.074	41.025	0.075
38.234	0.066	38.251	0.051	38.267	0.029	38.284	0.028	41.039	0.062	41.055	0.015	41.070	0.061	41.084	0.054
38.298	0.013	38.314	0.002	38.331	0.004	38.343	0.003	41.101	0.034	41.116	0.020	41.131	0.006	41.139	0.007
38.357	0.016	38.374	0.007	38.391	0.051	38.410	0.066	41.146	0.021	41.161	0.035	41.173	0.049	41.187	0.056
38.424	0.067	38.436	0.068	38.449	0.062	38.468	0.063	41.199	0.064	41.208	0.072	41.217	0.065	41.232	0.052
38.487	0.030	38.503	0.012	38.518	0.007	38.531	0.026	41.246	0.053	41.258	0.040	41.273	0.020	41.285	0.014
38.539	0.025	38.541	0.024	38.548	0.030	38.560	0.029	41.295	0.021	41.317	0.020	41.322	0.019	41.335	0.005
38.571	0.035	38.582	0.035	38.591	0.033	38.599	0.052	41.368	0.004	41.362	0.003	41.376	0.025	41.384	0.053
38.608	0.064	38.614	0.069	38.625	0.059	38.640	0.006	41.395	0.074	41.405	0.088	41.413	0.088	41.425	0.081
38.652	0.022	38.663	0.050	38.675	0.092	38.689	0.143	41.438	0.061	41.450	0.040	41.461	0.019	41.471	0.006
38.698	0.171	38.714	0.183	38.730	0.195	38.743	0.201	41.480	0.001	41.487	0.001	41.496	0.001	41.508	0.001
38.753	0.194	38.767	0.172	38.782	0.137	38.793	0.095	41.516	0.001	41.527	0.021	41.538	0.021	41.545	0.021
38.806	0.068	38.814	0.048	38.828	0.035	38.838	0.036	41.562	0.021	41.576	0.021	41.589	0.000	41.600	0.007
38.855	0.039	38.868	0.032	38.884	0.010	38.899	0.001	41.616	0.008	41.631	0.008	41.644	0.001	41.654	0.002
38.913	0.008	38.925	0.010	38.940	0.004	38.953	0.004	41.664	0.016	41.676	0.024	41.687	0.024	41.697	0.018
38.968	0.004	38.980	0.013	38.989	0.014	39.001	0.022	41.711	0.005	41.726	0.006	41.738	0.015	41.746	0.014
39.014	0.044	39.024	0.072	39.034	0.087	39.041	0.094	41.755	0.014	41.766	0.006	41.779	0.015	41.790	0.030
39.032	0.095	39.064	0.096	39.078	0.096	39.089	0.097	41.804	0.059	41.815	0.080	41.828	0.102	41.839	0.116
39.101	0.099	39.113	0.100	39.122	0.102	39.131	0.104	41.851	0.117	41.864	0.118	41.875	0.119	41.885	0.112
39.144	0.086	39.158	0.081	39.168	0.061	39.180	0.041	41.897	0.106	41.913	0.053	41.924	0.079	41.936	0.059
39.193	0.027	39.202	0.013	39.212	0.020	39.226	0.035	41.946	0.045	41.959	0.018	41.965	0.003	41.974	0.010
39.243	0.057	39.255	0.079	39.262	0.079	39.272	0.080	41.984	0.010	41.992	0.009	42.004	0.002	42.015	0.019
39.282	0.053	39.295	0.026	39.305	0.006	39.321	0.001	42.034	0.033	42.047	0.061	42.059	0.090	42.071	0.117
39.330	0.014	39.340	0.035	39.350	0.062	39.365	0.090	42.085	0.124	42.093	0.124	42.107	0.097	42.121	0.090
39.375	0.110	39.387	0.117	39.392	0.117	39.402	0.103	42.132	0.090	42.144	0.076	42.153	0.056	42.163	0.036
39.417	0.046	39.427	0.003	39.436	0.032	39.448	0.046	42.173	0.022	42.186	0.016	42.197	0.009	42.208	0.010
39.463	0.053	39.476	0.046	39.489	0.072	39.503	0.085	42.222	0.003	42.235	0.008	42.246	0.014	42.256	0.020
39.518	0.098	39.531	0.105	39.544	0.099	39.561	0.080	42.267	0.012	42.279	0.004	42.291	0.017	42.302	0.025
39.576	0.062	39.593	0.037	39.611	0.019	39.623	0.013	42.315	0.025	42.329	0.026	42.338	0.033	42.346	0.047
39.634	0.008	39.643	0.001	39.655	0.023	39.666	0.051	42.353	0.069	42.363	0.076	42.372	0.069	42.382	0.049
39.675	0.066	39.684	0.073	39.693	0.066	39.704	0.053	42.391	0.042	42.406	0.036	42.417	0.036	42.421	0.036
39.714	0.033	39.726	0.040	39.737	0.055	39.753	0.070	42.441	0.016	42.441	0.016	42.451	0.004	42.461	0.011
39.766	0.071	39.780	0.079	39.796	0.094	39.807	0.116	42.469	0.018	42.479	0.024	42.488	0.031	42.500	0.030
39.822	0.124	39.834	0.124	39.846	0.116	39.858	0.101	42.512	0.022	42.522	0.028	42.537	0.027	42.550	0.019
39.875	0.079	39.887	0.057	39.899	0.043	39.909	0.036	42.564	0.004	42.578	0.012	42.593	0.027	42.607	0.042
39.924	0.050	39.938	0.080	39.949	0.088	39.960	0.089	42.622	0.050	42.633	0.079	42.649	0.081	42.660	0.095

42.671	0.096	42.682	0.097	42.693	0.091	42.705	0.071
42.724	0.052	42.734	0.038	42.742	0.032	42.754	0.033
42.766	0.033	42.778	0.034	42.793	0.042	42.811	0.050
42.826	0.057	42.842	0.058	42.857	0.072	42.873	0.073
42.888	0.067	42.900	0.061	42.912	0.075	42.927	0.083
42.939	0.097	42.949	0.105	42.959	0.099	42.970	0.086
42.981	0.066	42.992	0.053	43.003	0.040	43.011	0.048
43.020	0.062	43.030	0.077	43.043	0.085	43.056	0.080
43.067	0.053	43.078	0.047	43.087	0.055	43.099	0.056
43.110	0.071	43.126	0.065	43.138	0.052	43.156	0.025
43.166	0.011	43.175	0.004	43.185	-0.002	43.195	-0.002
43.204	0.005	43.217	0.027	43.226	0.048	43.237	0.062
43.247	0.055	43.257	0.049	43.267	0.049	43.276	0.042
43.284	0.035	43.294	0.021	43.306	0.008	43.316	-0.013
43.327	-0.027	43.335	-0.026	43.346	-0.019	43.360	-0.019
43.374	0.003	43.388	0.010	43.399	0.018	43.414	0.018
43.426	0.026	43.441	0.033	43.453	0.034	43.466	0.041
43.479	0.056	43.488	0.035	43.499	0.022	43.507	0.008
43.518	-0.005	43.529	-0.004	43.538	-0.004	43.550	-0.010
43.560	-0.009	43.572	-0.008	43.581	-0.007	43.593	0.014
43.607	0.036	43.619	0.058	43.632	0.066	43.643	0.074
43.654	0.082	43.666	0.097	43.678	0.098	43.686	0.077
43.700	0.065	43.715	0.059	43.726	0.052	43.737	0.046
43.750	0.060	43.764	0.081	43.781	0.056	43.792	0.103
43.804	0.110	43.819	0.104	43.831	0.104	43.846	0.104
43.858	0.104	43.874	0.104	43.882	0.104	43.891	0.097
43.907	0.069	43.918	0.055	43.929	0.055	43.944	0.069
43.953	0.076	43.965	0.090	43.976	0.083	43.993	0.090
44.009	0.104	44.018	0.104	44.029	0.104	44.041	0.098
44.053	0.091	44.062	0.084	44.076	0.077	44.090	0.070
44.106	0.071	44.119	0.078	44.130	0.071	44.141	0.072
44.153	0.065	44.164	0.066	44.175	0.073	44.187	0.087
44.199	0.055	44.210	0.116	44.220	0.116	44.231	0.117
44.243	0.117	44.252	0.118	44.264	0.118	44.275	0.119
44.285	0.112	44.295	0.112	44.305	0.113	44.315	0.106
44.325	0.100	44.339	0.093	44.350	0.087	44.360	0.073
44.370	0.074	44.379	0.088	44.390	0.088	44.398	0.102
44.409	0.096	44.418	0.089	44.432	0.082	44.443	0.076
44.452	0.062	44.463	0.069	44.475	0.070	44.487	0.077
44.498	0.077	44.508	0.071	44.520	0.064	44.531	0.044
44.542	0.038	44.556	0.032	44.567	0.046	44.577	0.054
44.589	0.054	44.602	0.062	44.617	0.063	44.629	0.057
44.641	0.056	44.660	0.060	44.668	0.067	44.679	0.061
44.693	0.056	44.704	0.043	44.713	0.037	44.721	0.037
44.727	0.031	44.742	0.046	44.753	0.053	44.761	0.068
44.770	0.075	44.782	0.076	44.790	0.076	44.803	0.070
44.808	0.064	44.817	0.051	44.830	0.045	44.842	0.032
44.853	0.026	44.860	0.019	44.869	0.027	44.879	0.048
44.889	0.056	44.901	0.057	44.915	0.058	44.933	0.054
44.952	0.071	44.970	0.068	44.994	0.057		

up

44.992 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.1494 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.047	0.008	0.170	0.017	0.236	0.026	0.267	1.072	0.153	1.081	0.091	1.089	0.038	1.091	-0.019
0.036	0.276	0.045	0.201	0.053	0.056	0.059	0.008	1.097	-0.036	1.109	-0.067	1.120	-0.036	1.128	-0.032
0.069	-0.080	0.083	-0.093	0.098	-0.080	0.104	-0.040	1.133	-0.049	1.137	-0.084	1.139	-0.137	1.147	-0.159
0.108	-0.009	0.111	0.017	0.117	0.008	0.119	-0.018	1.156	0.084	1.160	-0.045	1.166	-0.018	1.177	-0.035
0.123	-0.062	0.130	-0.071	0.137	0.004	0.135	0.119	1.185	0.119	1.190	0.180	1.195	0.242	1.201	0.260
0.148	0.168	0.152	0.247	0.162	0.239	0.174	0.230	1.204	0.260	1.221	0.154	1.228	0.128	1.228	0.044
0.178	0.235	0.187	0.208	0.193	0.050	0.201	0.003	1.234	-0.021	1.239	0.079	1.244	-0.167	1.250	-0.250
0.206	-0.007	0.213	0.015	0.217	0.042	0.225	0.051	1.254	-0.076	1.261	-0.325	1.269	-0.369	1.277	-0.232
0.231	-0.019	0.236	-0.090	0.244	-0.155	0.251	0.087	1.284	0.087	1.289	0.028	1.294	0.174	1.258	0.269
0.261	-0.199	0.271	-0.185	0.280	-0.154	0.287	-0.053	1.303	0.257	1.311	0.147	1.311	0.174	1.314	0.125
0.291	0.005	0.296	0.040	0.304	0.080	0.313	0.116	1.321	0.077	1.323	0.066	1.330	0.169	1.328	0.262
0.319	0.191	0.323	0.235	0.331	0.218	0.341	0.165	1.348	0.319	1.359	0.262	1.366	0.192	1.376	0.060
0.345	-0.112	0.349	0.077	0.360	0.069	0.370	0.087	1.365	-0.033	1.392	-0.059	1.405	-0.072	1.411	-0.103
0.374	0.074	0.384	0.021	0.391	-0.053	0.402	-0.132	1.417	-0.138	1.423	-0.173	1.429	-0.156	1.440	0.003
0.412	-0.163	0.421	-0.193	0.427	-0.184	0.434	-0.140	1.443	0.205	1.448	0.219	1.454	0.280	1.460	0.280
0.439	-0.056	0.445	-0.003	0.453	0.006	0.461	-0.020	1.467	0.203	1.475	0.131	1.481	0.069	1.486	0.047
0.472	-0.016	0.478	-0.002	0.484	0.024	0.491	0.059	1.493	-0.001	1.497	-0.067	1.503	-0.120	1.508	-0.160
0.500	0.047	0.504	0.170	0.507	0.201	0.514	0.042	1.512	-0.138	1.519	-0.054	1.523	-0.001	1.528	0.043
0.529	-0.072	0.529	-0.030	0.536	-0.068	0.540	-0.042	1.535	-0.047	1.542	-0.028	1.549	-0.124	1.554	-0.177
0.548	-0.042	0.552	0.034	0.557	0.012	0.562	0.003	1.561	-0.221	1.572	-0.216	1.580	-0.194	1.585	-0.097
0.570	0.070	0.575	0.104	0.578	0.201	0.584	0.227	1.561	-0.031	1.554	-0.061	1.601	0.114	1.605	0.110
0.590	0.223	0.596	0.170	0.600	0.095	0.606	0.055	1.611	0.018	1.615	-0.044	1.618	-0.123	1.625	-0.150
0.613	0.029	0.618	-0.006	0.623	-0.020	0.629	-0.046	1.631	-0.127	1.637	-0.066	1.645	-0.017	1.653	0.031
0.639	-0.002	0.639	0.029	0.654	0.024	0.659	-0.002	1.661	0.098	1.663	0.148	1.666	0.221	1.670	0.305
0.663	-0.055	0.667	-0.091	0.669	-0.130	0.675	-0.148	1.674	0.375	1.681	0.398	1.689	0.292	1.695	0.147
0.684	-0.078	0.691	0.032	0.697	0.102	0.702	0.199	1.697	0.042	1.701	-0.011	1.711	-0.041	1.727	-0.036
0.707	0.230	0.714	0.252	0.724	0.269	0.732	0.207	1.739	-0.092	1.749	-0.058	1.755	-0.093	1.764	-0.110
0.736	0.154	0.741	0.071	0.744	-0.031	0.747	0.097	1.777	-0.099	1.783	-0.017	1.789	0.054	1.793	0.151
0.752	-0.150	0.758	-0.190	0.768	-0.216	0.774	-0.180	1.806	0.204	1.818	0.169	1.826	0.125	1.831	0.099
0.784	-0.136	0.798	-0.145	0.803	-0.083	0.815	0.014	1.868	0.099	1.890	0.125	1.858	0.064	1.864	-0.028
0.817	0.080	0.825	0.133	0.833	0.182	0.843	0.226	1.868	-0.112	1.874	-0.200	1.887	-0.213	1.902	-0.125
0.849	0.253	0.857	0.271	0.861	0.263	0.868	0.171	1.914	-0.067	1.921	-0.061	1.925	-0.144	1.935	0.272
0.872	-0.008	0.872	-0.150	0.881	-0.207	0.887	-0.299	1.949	0.280	1.957	0.223	1.965	0.166	1.974	0.082
0.894	0.316	0.905	-0.254	0.915	-0.143	0.921	-0.033	1.981	0.034	1.990	0.016	1.958	0.043	2.008	0.021
0.925	0.078	0.929	0.131	0.933	0.188	0.937	0.193	2.012	-0.076	2.017	-0.147	2.023	-0.213	2.025	-0.252
0.943	0.109	0.947	0.035	0.955	-0.014	0.959	0.031	2.035	-0.270	2.049	-0.182	2.059	-0.120	2.068	-0.023
0.966	0.154	0.971	0.203	0.975	0.278	0.983	0.278	2.075	0.109	2.079	0.188	2.087	0.228	2.092	0.184
0.987	0.243	0.993	0.128	0.997	-0.012	1.005	-0.153	2.101	0.144	2.109	0.250	2.115	0.289	2.125	0.294
1.015	-0.272	1.021	-0.276	1.028	-0.192	1.038	-0.104	2.130	0.210	2.137	0.153	2.146	-0.114	2.158	0.026
1.042	-0.015	1.046	0.064	1.053	0.126	1.062	0.161	2.162	-0.040	2.172	-0.260	2.178	-0.335	2.186	-0.414

2.200	-0.304	2.214	-0.079	2.223	0.062	2.229	0.208	3.890	-0.015	3.898	-0.055	3.903	-0.192	3.906	-0.192
2.238	0.287	2.251	0.296	2.265	0.244	2.279	0.204	3.916	-0.082	3.922	0.055	3.932	0.143	3.942	0.147
2.287	0.121	2.296	0.050	2.307	-0.016	2.315	-0.091	3.960	0.137	3.961	0.088	3.967	0.053	3.957	0.009
2.321	-0.192	2.325	-0.346	2.331	-0.456	2.341	-0.562	4.002	-0.044	4.012	-0.045	4.020	0.017	4.028	0.057
2.358	-0.223	2.363	0.037	2.363	0.037	2.371	0.156	4.036	0.057	4.043	0.045	4.046	-0.133	4.050	-0.243
2.350	-0.491	2.358	-0.223	2.363	0.037	2.371	0.156	4.053	-0.305	4.058	-0.340	4.063	-0.349	4.073	-0.287
2.381	0.301	2.390	0.376	2.396	0.429	2.401	0.433	4.053	-0.305	4.058	-0.340	4.063	-0.349	4.073	-0.287
2.410	-0.244	2.415	0.116	2.426	0.006	2.439	0.006	4.079	-0.146	4.088	-0.032	4.100	0.021	4.109	0.003
2.445	-0.043	2.449	0.091	2.458	-0.162	2.466	-0.171	4.116	0.025	4.126	0.091	4.135	0.179	4.140	0.276
2.472	-0.118	2.477	-0.048	2.484	-0.012	2.490	-0.030	4.146	0.388	4.151	0.438	4.156	0.438	4.166	0.376
2.501	-0.083	2.510	-0.069	2.518	-0.021	2.524	-0.011	4.173	-0.081	4.180	-0.081	4.185	-0.051	4.157	-0.095
2.528	0.019	2.539	-0.003	2.547	-0.025	2.552	-0.011	4.208	-0.170	4.215	-0.047	4.226	-0.047	4.234	0.006
2.554	0.033	2.562	0.147	2.567	0.161	2.573	0.130	4.244	-0.064	4.253	-0.201	4.257	-0.267	4.264	-0.276
2.579	0.033	2.590	-0.094	2.602	-0.019	2.607	0.069	4.274	-0.126	4.277	0.019	4.282	0.165	4.286	0.244
2.613	0.157	2.618	0.206	2.626	0.166	2.635	0.083	4.291	0.288	4.296	0.306	4.307	0.266	4.314	0.200
2.644	-0.102	2.648	-0.208	2.656	-0.278	2.666	-0.220	4.328	0.060	4.335	-0.028	4.341	-0.112	4.352	-0.156
2.675	-0.132	2.686	-0.062	2.695	-0.005	2.705	0.093	4.360	-0.045	4.364	0.007	4.373	-0.034	4.380	-0.049
2.710	0.207	2.720	0.252	2.734	0.282	2.742	0.357	4.366	-0.199	4.393	-0.274	4.395	-0.344	4.412	-0.335
2.746	0.332	2.752	0.485	2.760	0.357	2.766	0.176	4.420	-0.264	4.429	-0.146	4.435	0.022	4.440	0.149
2.770	0.075	2.776	-0.158	2.781	-0.202	2.791	-0.277	4.445	0.281	4.448	0.255	4.461	0.215	4.465	0.070
2.757	-0.348	2.804	-0.405	2.808	-0.467	2.813	-0.476	4.471	-0.075	4.479	-0.119	4.487	-0.075	4.452	-0.058
2.821	-0.344	2.828	-0.128	2.836	0.101	2.842	0.246	4.503	-0.137	4.514	-0.282	4.515	-0.339	4.523	-0.397
2.847	0.339	2.858	0.418	2.863	0.396	2.873	0.317	4.529	-0.445	4.536	-0.617	4.542	-0.657	4.550	-0.555
2.879	0.220	2.888	0.207	2.900	0.233	2.911	0.141	4.555	-0.370	4.559	-0.150	4.564	0.039	4.568	0.237
2.919	-0.018	2.925	-0.190	2.934	-0.339	2.944	-0.410	4.573	0.312	4.579	0.307	4.584	0.219	4.586	0.144
2.953	-0.335	2.963	-0.167	2.969	0.005	2.975	0.132	4.591	0.074	4.597	0.003	4.604	0.008	4.612	0.056
2.980	0.234	2.985	0.282	2.991	0.225	2.997	0.154	4.620	0.104	4.625	0.060	4.631	0.003	4.637	-0.063
3.005	0.098	3.017	0.133	3.024	0.169	3.033	0.072	4.643	-0.098	4.646	-0.120	4.655	-0.142	4.665	-0.217
3.043	-0.003	3.048	0.072	3.056	0.143	3.061	0.147	4.671	0.078	4.677	0.078	4.681	0.263	4.687	0.435
3.069	0.050	3.072	-0.086	3.077	-0.187	3.084	-0.249	4.692	0.536	4.698	0.576	4.706	0.431	4.709	0.308
3.095	-0.112	3.101	0.020	3.107	0.137	3.113	0.264	4.713	0.154	4.718	0.004	4.722	-0.049	4.725	-0.097
3.120	0.350	3.130	0.368	3.137	0.307	3.142	0.205	4.733	-0.093	4.742	0.009	4.751	0.110	4.757	0.150
3.147	0.082	3.153	0.016	3.161	-0.050	3.174	0.012	4.765	0.141	4.773	0.080	4.778	-0.004	4.782	-0.140
3.184	0.047	3.196	0.056	3.207	0.056	3.222	0.061	4.786	-0.233	4.791	-0.343	4.799	-0.352	4.806	-0.193
3.231	0.066	3.237	0.101	3.247	0.167	3.256	0.216	4.811	0.045	4.817	0.223	4.822	0.326	4.825	0.401
3.263	0.124	3.269	-0.017	3.276	-0.085	3.282	-0.083	4.837	0.348	4.847	0.221	4.860	0.057	4.874	-0.035
3.288	0.059	3.293	0.125	3.300	0.116	3.307	-0.016	4.882	-0.110	4.887	-0.071	4.905	-0.088	4.913	-0.119
3.312	-0.178	3.314	-0.227	3.320	-0.271	3.326	-0.266	4.918	-0.159	4.924	-0.124	4.930	-0.009	4.934	0.079
3.336	-0.208	3.344	-0.094	3.349	-0.014	3.355	0.246	4.938	0.167	4.945	0.211	4.951	0.149	4.955	0.079
3.361	0.378	3.370	0.449	3.379	0.326	3.386	0.137	4.959	-0.018	4.965	-0.168	4.973	-0.238	4.985	-0.190
3.394	0.058	3.404	-0.012	3.412	-0.032	3.419	0.006	4.993	-0.190	4.998	-0.203	5.005	-0.198	5.012	-0.088
3.425	0.076	3.430	0.279	3.440	0.367	3.449	0.350	5.018	0.044	5.026	0.136	5.035	0.282	5.041	0.348
3.445	0.196	3.451	0.107	3.455	-0.038	3.459	-0.218	5.045	0.379	5.051	0.361	5.056	0.277	5.060	0.167
3.463	-0.293	3.470	-0.337	3.478	-0.227	3.491	-0.104	5.068	-0.026	5.073	-0.149	5.079	-0.286	5.086	-0.391
3.501	0.019	3.507	0.099	3.514	0.103	3.521	0.028	5.097	-0.453	5.105	-0.426	5.114	-0.404	5.131	-0.356
3.527	-0.060	3.527	-0.095	3.534	-0.104	3.540	-0.025	5.138	-0.255	5.146	0.009	5.153	0.348	5.162	0.537
3.548	0.063	3.553	0.046	3.561	0.019	3.568	0.050	5.176	0.612	5.186	0.572	5.203	0.537	5.209	0.449
3.576	0.095	3.580	0.067	3.585	-0.007	3.590	-0.069	5.216	0.207	5.225	-0.177	5.234	-0.141	5.246	-0.141
3.598	-0.100	3.611	-0.061	3.618	-0.083	3.626	-0.246	5.256	-0.186	5.262	-0.177	5.269	-0.107	5.276	0.012
3.628	-0.285	3.633	-0.316	3.653	-0.171	3.660	0.041	5.282	0.122	5.286	0.241	5.295	0.346	5.306	0.333
3.667	0.195	3.672	0.174	3.682	0.237	3.689	0.138	5.311	0.430	5.317	0.430	5.320	0.487	5.327	0.575
3.695	-0.107	3.708	0.147	3.718	0.134	3.725	0.041	5.329	0.566	5.334	0.429	5.341	0.024	5.344	-0.231
3.734	-0.038	3.744	-0.060	3.755	0.020	3.757	0.064	5.347	-0.346	5.350	-0.429	5.353	-0.495	5.358	-0.526
3.762	0.064	3.768	0.046	3.773	0.020	3.779	-0.011	5.366	-0.471	5.374	-0.333	5.381	-0.329	5.387	-0.359
3.786	-0.006	3.792	0.038	3.804	0.077	3.816	0.091	5.392	-0.175	5.398	-0.003	5.404	0.129	5.410	0.151
3.821	0.086	3.829	0.148	3.840	0.188	3.848	0.139	5.413	0.072	5.417	-0.126	5.422	-0.351	5.425	-0.359
3.856	0.069	3.865	0.047	3.878	0.068	3.888	0.055	5.429	-0.483	5.435	-0.333	5.441	-0.056	5.447	0.236

5.451	0.516	5.460	0.586	5.464	0.556	5.469	0.335	7.635	-0.015	7.646	0.122	7.654	0.073	7.665	0.144
5.474	-0.021	5.483	-0.189	5.500	-0.180	5.515	-0.157	7.672	-0.076	7.680	-0.402	7.693	-0.617	7.705	-0.291
5.523	-0.104	5.529	-0.038	5.531	-0.038	5.536	-0.087	7.717	-0.076	7.718	-0.071	7.738	-0.480	7.748	-0.348
5.541	-0.192	5.544	-0.258	5.548	-0.320	5.558	-0.170	7.758	-0.485	7.779	-0.266	7.793	-0.079	7.805	-0.228
5.564	0.054	5.573	0.195	5.575	0.209	5.582	0.121	7.818	-0.470	7.842	-0.126	7.851	-0.007	7.859	-0.051
5.587	0.063	5.596	0.099	5.602	0.226	5.608	0.403	7.869	0.305	7.890	0.218	7.890	0.218	7.901	-0.064
5.616	0.442	5.625	0.381	5.631	0.297	5.635	0.280	7.909	0.227	7.922	0.553	7.930	0.672	7.936	0.064
5.656	0.324	5.666	0.377	5.674	0.474	5.679	0.571	7.946	0.549	7.955	0.118	7.959	-0.067	7.969	-0.164
5.684	0.584	5.693	0.289	5.704	-0.556	5.714	-1.181	7.981	-0.010	7.982	0.184	7.999	0.255	8.006	-0.093
5.724	-1.049	5.733	-0.371	5.739	-0.844	5.747	0.566	8.014	-0.229	8.022	-0.464	8.028	-0.550	8.036	-0.515
5.754	0.082	5.767	-0.156	5.776	-0.028	5.784	0.025	8.041	-0.022	8.047	0.513	8.052	0.604	8.060	0.454
5.790	-0.125	5.800	-0.327	5.807	0.223	5.817	0.398	8.068	0.216	8.074	0.084	8.078	0.516	8.083	0.758
5.822	0.434	5.827	0.109	5.835	-0.147	5.846	-0.398	8.088	0.481	8.096	0.133	8.110	-0.095	8.125	-0.218
5.851	-0.230	5.861	-0.353	5.865	-0.371	5.873	0.012	8.131	0.041	8.139	0.187	8.149	-0.002	8.160	-0.051
5.884	0.294	5.888	0.338	5.896	0.312	5.900	0.373	8.169	-0.108	8.179	-0.359	8.185	-0.323	8.195	-0.649
5.914	0.004	5.924	0.057	5.928	-0.049	5.928	-0.049	8.206	-0.565	8.211	-0.605	8.223	-0.055	8.236	0.359
5.944	-0.159	5.954	-0.295	5.954	-0.295	5.962	-0.102	8.246	0.522	8.260	0.615	8.271	0.633	8.284	0.576
5.976	-0.247	5.984	-0.255	5.991	0.128	5.998	0.154	8.299	0.800	8.306	0.818	8.315	0.651	8.327	0.272
6.008	0.471	6.019	0.476	6.024	0.476	6.032	0.273	8.337	0.004	8.346	-0.401	8.359	-0.766	8.373	-0.414
6.037	0.146	6.048	0.084	6.058	-0.211	6.067	-0.655	8.381	-0.048	8.391	0.220	8.400	0.265	8.408	0.102
6.074	-0.137	6.105	-0.778	6.110	-0.651	6.118	-0.541	8.416	-0.021	8.426	0.406	8.444	0.873	8.458	0.504
6.123	-0.228	6.132	-0.131	6.137	0.287	6.147	0.208	8.474	0.073	8.500	-0.692	8.519	-0.127	8.532	-0.272
6.155	-0.048	6.159	-0.109	6.165	0.001	6.171	0.036	8.546	0.446	8.556	-0.050	8.567	-0.389	8.580	-0.529
6.180	0.238	6.185	0.256	6.191	0.283	6.202	0.036	8.587	-0.155	8.597	-0.220	8.605	-0.004	8.614	0.203
6.214	-0.237	6.226	-0.290	6.232	-0.351	6.244	-0.166	8.621	-0.052	8.633	-0.360	8.645	-0.632	8.661	-0.468
6.263	0.054	6.263	0.345	6.278	0.059	6.292	0.301	8.676	0.063	8.676	0.250	8.686	-0.075	8.693	0.018
6.304	0.433	6.316	0.231	6.327	0.173	6.337	0.006	8.735	-0.359	8.764	-0.531	8.773	-0.632	8.781	-0.645
6.349	-0.429	6.356	-0.478	6.370	-0.161	6.381	0.015	8.797	-0.389	8.809	-0.085	8.819	0.179	8.830	0.395
6.396	-0.174	6.414	0.011	6.434	0.232	6.442	0.298	8.840	0.487	8.856	0.408	8.869	-0.276	8.882	0.136
6.458	-0.001	6.471	-0.257	6.487	0.195	6.492	-0.177	8.893	-0.008	8.899	-0.106	8.911	-0.238	8.920	-0.463
6.516	-0.393	6.531	-0.045	6.542	0.387	6.553	0.519	8.927	-0.691	8.937	-0.766	8.948	-0.739	8.961	-0.321
6.560	-0.449	6.572	-0.062	6.584	0.208	6.593	-0.326	8.975	-0.043	8.983	0.155	8.994	-0.034	9.005	-0.294
6.603	-0.119	6.608	0.326	6.611	0.295	6.613	0.423	9.016	-0.179	9.027	0.033	9.042	-0.130	9.056	-0.077
6.621	-0.136	6.629	-0.237	6.636	-0.303	6.642	-0.193	9.065	-0.165	9.072	-0.204	9.082	-0.186	9.089	0.118
6.652	0.075	6.665	0.414	6.665	0.569	6.672	0.327	9.094	0.140	9.100	0.109	9.107	0.180	9.115	0.048
6.682	0.115	6.688	-0.026	6.699	-0.312	6.721	0.322	9.123	-0.036	9.133	-0.101	9.152	-0.066	9.165	-0.026
6.729	0.401	6.741	0.331	6.771	0.131	6.783	-0.039	9.171	-0.003	9.181	0.041	9.191	-0.152	9.200	-0.223
6.841	-0.201	6.851	-0.003	6.859	-0.056	6.868	0.178	9.211	-0.332	9.223	-0.182	9.241	-0.032	9.251	0.101
6.877	0.556	6.885	0.737	6.893	0.552	6.906	0.257	9.265	0.189	9.278	0.186	9.291	0.182	9.301	0.424
6.920	0.051	6.938	-0.332	6.946	-0.420	6.955	-0.240	9.346	-0.467	9.362	-0.731	9.372	0.538	9.383	0.014
6.964	0.060	6.969	0.100	6.975	0.034	6.982	-0.068	9.394	0.358	9.402	0.191	9.408	0.523	9.421	0.187
6.992	0.087	7.003	0.307	7.015	0.148	7.034	0.056	9.437	0.434	9.445	0.549	9.453	0.554	9.467	0.330
7.031	0.148	7.037	0.263	7.072	0.210	7.082	0.051	9.480	0.106	9.488	-0.066	9.501	-0.150	9.516	0.080
7.101	-0.098	7.122	-0.160	7.149	-0.142	7.161	0.021	9.527	0.361	9.535	0.621	9.541	0.614	9.547	0.344
7.170	0.246	7.185	0.365	7.208	0.422	7.223	0.409	9.560	-0.307	9.566	-0.303	9.577	-0.048	9.586	0.107
7.233	0.185	7.246	0.040	7.259	0.217	7.273	0.374	9.594	0.036	9.600	-0.030	9.610	-0.129	9.623	0.279
7.284	-0.048	7.292	-0.559	7.309	-0.171	7.321	-0.303	9.636	0.085	9.636	-0.131	9.643	-0.355	9.649	-0.386
7.329	-0.343	7.351	-0.175	7.360	0.049	7.370	-0.092	9.668	-0.258	9.681	-0.068	9.691	0.064	9.699	0.134
7.388	-0.128	7.388	-0.131	7.396	-0.048	7.402	-0.193	9.712	0.029	9.724	-0.178	9.737	-0.178	9.746	-0.266
7.420	-0.100	7.425	-0.030	7.432	-0.052	7.445	-0.058	9.758	-0.389	9.761	-0.477	9.767	-0.569	9.777	-0.547
7.462	-0.003	7.480	0.085	7.491	0.166	7.500	0.261	9.787	-0.565	9.799	-0.389	9.810	-0.239	9.818	-0.036
7.512	0.068	7.522	-0.170	7.533	-0.434	7.548	-0.174	9.825	0.162	9.831	0.193	9.843	0.211	9.855	0.158
7.559	0.152	7.567	0.249	7.582	0.011	7.590	-0.068	9.862	0.193	9.873	-0.014	9.880	-0.256	9.892	-0.405
7.599	0.548	7.606	0.337	7.612	-0.222	7.627	-0.424	9.912	-0.224	9.920	-0.092	9.931	0.049	9.942	0.115

9.952	0.216	9.963	0.238	9.975	0.106	9.980	-0.083	12.384	0.441	12.399	0.327	12.408	0.177	12.426	0.024
9.984	-0.241	9.993	-0.325	10.006	-0.338	10.012	-0.299	12.443	-0.032	12.453	-0.076	12.462	-0.164	12.471	-0.133
10.019	-0.400	10.023	-0.660	10.034	-0.660	10.051	-0.206	12.481	-0.017	12.487	0.079	12.493	0.084	12.507	0.031
10.064	-0.093	10.073	-0.074	10.081	0.032	10.096	-0.188	12.515	-0.039	12.522	-0.158	12.533	-0.215	12.543	-0.189
10.108	-0.386	10.116	-0.465	10.136	-0.223	10.146	0.138	12.553	-0.109	12.565	-0.118	12.579	-0.175	12.581	-0.197
10.154	-0.288	10.160	-0.033	10.166	-0.187	10.172	0.262	12.589	-0.267	12.597	-0.293	12.610	-0.284	12.623	-0.112
10.186	-0.134	10.193	0.122	10.205	0.188	10.212	0.457	12.633	0.042	12.641	0.007	12.654	-0.147	12.661	-0.213
10.220	0.563	10.226	0.303	10.232	-0.089	10.240	-0.146	12.673	-0.208	12.692	-0.142	12.711	-0.107	12.722	-0.146
10.248	0.022	10.255	0.216	10.261	0.247	10.269	0.159	12.740	-0.151	12.752	-0.111	12.765	-0.071	12.771	-0.005
10.278	0.173	10.285	0.309	10.294	0.384	10.302	0.195	12.785	0.012	12.804	0.014	12.811	-0.075	12.819	-0.150
10.309	-0.020	10.315	-0.240	10.321	-0.381	10.330	-0.389	12.824	-0.199	12.827	-0.207	12.834	-0.155	12.840	-0.106
10.341	-0.147	10.350	0.069	10.358	0.210	10.372	0.135	12.845	-0.027	12.853	0.079	12.860	0.141	12.864	0.167
10.434	-0.141	10.442	-0.212	10.447	-0.296	10.457	-0.283	12.869	0.176	12.874	0.158	12.883	0.088	12.889	0.031
10.464	-0.309	10.472	-0.222	10.493	-0.130	10.504	-0.126	12.893	0.013	12.900	0.000	12.909	-0.004	12.917	-0.008
10.513	-0.117	10.524	0.059	10.534	0.200	10.540	0.244	12.923	-0.035	12.928	-0.061	12.937	-0.087	12.947	-0.114
10.553	0.134	10.563	0.077	10.573	0.042	10.589	0.081	12.956	-0.131	12.963	-0.162	12.966	-0.171	12.975	-0.137
10.601	0.178	10.613	0.222	10.624	0.147	10.644	-0.231	12.984	-0.144	12.995	-0.062	13.000	-0.056	13.008	-0.051
10.652	0.301	10.667	0.266	10.675	0.174	10.684	-0.051	13.018	-0.042	13.026	-0.056	13.032	-0.073	13.040	-0.082
10.697	-0.175	10.705	0.217	10.714	0.389	10.725	0.098	13.044	-0.108	13.050	-0.183	13.054	-0.280	13.058	-0.359
10.736	-0.197	10.770	0.489	10.783	0.413	10.798	0.002	13.062	-0.403	13.066	-0.425	13.072	-0.368	13.076	-0.315
10.806	-0.093	10.809	-0.274	10.817	-0.001	10.828	0.007	13.078	-0.306	13.087	-0.359	13.096	-0.359	13.104	-0.424
10.840	-0.086	10.852	-0.020	10.861	-0.095	10.871	-0.042	13.112	-0.312	13.118	-0.587	13.124	-0.618	13.128	-0.622
10.882	-0.029	10.895	-0.047	10.901	-0.038	10.913	0.023	13.134	-0.613	13.144	-0.512	13.148	-0.446	13.158	-0.283
10.924	-0.012	10.933	-0.144	10.946	-0.012	10.956	0.181	13.165	-0.190	13.170	-0.160	13.176	-0.142	13.184	-0.155
10.971	0.296	10.986	0.454	10.998	0.499	11.009	0.362	13.194	-0.177	13.199	-0.154	13.206	-0.154	13.216	-0.137
11.021	0.248	11.042	0.032	11.061	0.116	11.072	-0.095	13.226	-0.036	13.234	0.026	13.242	-0.101	13.248	-0.110
11.087	-0.363	11.106	-0.077	11.113	0.236	11.126	0.452	13.253	-0.101	13.264	0.026	13.272	-0.031	13.278	-0.048
11.134	0.346	11.144	-0.113	11.154	-0.213	11.168	-0.514	13.283	-0.048	13.290	0.000	13.297	0.075	13.305	0.163
11.181	0.118	11.195	-0.300	11.203	-0.173	11.220	-0.014	13.311	-0.225	13.316	0.256	13.322	0.269	13.330	0.251
11.234	-0.128	11.243	0.110	11.249	0.378	11.257	0.515	13.336	0.247	13.344	0.260	13.358	0.322	13.365	0.371
11.261	0.348	11.276	0.150	11.276	0.180	11.290	0.163	13.380	0.410	13.387	0.419	13.397	0.406	13.408	0.358
11.299	0.057	11.306	-0.035	11.313	-0.101	11.322	-0.343	13.414	0.261	13.422	0.305	13.432	0.350	13.438	0.257
11.335	-0.197	11.347	-0.008	11.352	0.142	11.366	0.221	13.446	0.261	13.451	0.279	13.460	0.350	13.468	0.411
11.377	0.305	11.387	0.388	11.398	0.296	11.408	0.010	13.478	0.420	13.478	0.398	13.488	0.302	13.494	0.174
11.420	-0.457	11.437	-0.871	11.443	-0.167	11.467	-0.527	13.502	0.046	13.510	-0.015	13.517	-0.028	13.524	-0.015
11.490	0.072	11.503	-0.236	11.515	-0.333	11.522	-0.139	13.533	0.042	13.541	0.091	13.550	0.104	13.556	0.091
11.531	-0.042	11.542	0.201	11.553	0.205	11.565	0.113	13.568	0.025	13.576	-0.015	13.579	-0.023	13.585	-0.006
11.572	0.061	11.581	-0.076	11.593	-0.115	11.603	-0.057	13.596	0.061	13.605	0.135	13.610	0.149	13.616	0.140
11.608	-0.026	11.620	0.018	11.632	-0.048	11.645	-0.060	13.625	0.061	13.634	-0.040	13.643	-0.150	13.653	-0.256
11.660	0.103	11.670	0.292	11.675	0.367	11.676	0.389	13.658	-0.317	13.666	-0.335	13.672	-0.308	13.677	-0.264
11.692	0.275	11.705	0.121	11.716	0.042	11.722	0.033	13.697	-0.216	13.708	-0.189	13.716	-0.075	13.719	-0.069
11.734	0.205	11.742	0.280	11.748	0.346	11.762	0.219	13.727	0.044	13.734	-0.048	13.745	-0.101	13.751	-0.105
11.769	0.056	11.779	-0.045	11.794	0.043	11.813	0.193	13.763	-0.008	13.771	-0.100	13.782	-0.056	13.790	-0.016
11.824	0.258	11.833	0.368	11.840	0.360	11.845	0.245	13.796	0.041	13.807	0.037	13.815	-0.069	13.823	-0.148
11.856	0.126	11.864	0.087	11.876	0.175	11.887	0.082	13.833	-0.218	13.843	-0.245	13.857	-0.218	13.868	-0.161
11.891	-0.001	11.902	-0.164	11.917	-0.151	11.932	-0.222	13.875	-0.139	13.886	-0.145	13.894	-0.191	13.897	-0.204
11.940	-0.235	11.950	-0.125	11.958	-0.001	11.964	0.012	13.903	-0.152	13.909	-0.116	13.919	-0.090	13.925	-0.050
11.973	-0.054	11.982	-0.107	11.990	-0.041	12.000	0.021	13.930	-0.006	13.938	0.038	13.946	0.065	13.953	0.043
12.018	-0.216	12.027	-0.317	12.052	-0.343	12.067	-0.202	13.961	0.008	13.975	0.003	13.990	0.012	13.996	0.043
12.075	-0.101	12.081	-0.039	12.096	-0.082	12.113	0.015	14.009	0.123	14.015	0.184	14.021	0.211	14.029	0.215
12.126	0.099	12.137	0.082	12.145	-0.058	12.152	-0.155	14.035	0.154	14.041	0.075	14.047	0.013	14.054	-0.004
12.163	-0.225	12.179	-0.224	12.193	-0.114	12.205	0.084	14.060	0.022	14.068	0.106	14.075	0.168	14.084	0.221
12.218	0.218	12.227	0.333	12.240	0.404	12.256	0.281	14.097	0.252	14.105	0.256	14.110	0.234	14.117	0.133
12.269	0.163	12.287	0.040	12.306	0.028	12.320	0.020	14.124	0.037	14.133	-0.003	14.133	-0.007	14.139	0.015
12.338	-0.032	12.355	0.162	12.368	0.356	12.378	0.427	14.145	0.059	14.152	0.077	14.158	0.068	14.165	0.028
								14.173	-0.007	14.179	-0.015	14.189	-0.011	14.195	-0.019

14.205	-0.094	14.211	-0.151	14.217	-0.164	14.223	-0.151	15.962	-0.238	15.972	-0.106	15.977	-0.049	15.987	-0.031
14.235	-0.041	14.240	0.043	14.249	0.123	14.259	0.189	15.995	-0.053	16.001	-0.080	16.012	-0.066	16.017	-0.066
14.265	0.215	14.271	0.224	14.280	0.194	14.288	0.088	16.028	-0.092	16.039	-0.114	16.044	-0.118	16.055	-0.096
14.291	-0.004	14.296	-0.035	14.302	-0.026	14.310	0.053	16.063	-0.114	16.074	-0.166	16.081	-0.175	16.088	-0.157
14.316	0.150	14.319	0.164	14.326	0.181	14.333	0.155	16.101	-0.074	16.109	-0.012	16.114	0.015	16.125	0.037
14.341	0.107	14.350	0.120	14.367	0.196	14.381	0.275	16.136	0.055	16.146	0.108	16.153	0.134	16.159	0.134
14.390	0.319	14.400	0.364	14.410	0.381	14.418	0.346	16.169	0.117	16.177	0.108	16.186	0.130	16.196	0.144
14.425	0.298	14.432	0.263	14.443	0.206	14.450	0.162	16.202	0.126	16.212	0.056	16.222	0.074	16.232	0.043
14.458	0.132	14.465	0.057	14.471	-0.000	14.475	-0.005	16.239	0.004	16.247	-0.058	16.252	-0.080	16.260	-0.084
14.484	-0.013	14.494	-0.026	14.498	-0.017	14.503	0.009	16.266	-0.062	16.273	-0.017	16.279	0.031	16.285	0.062
14.508	-0.017	14.515	-0.052	14.519	-0.048	14.529	0.032	16.297	0.067	16.305	0.080	16.313	0.116	16.315	0.129
14.537	0.072	14.541	0.081	14.553	0.037	14.557	0.125	16.320	0.129	16.330	0.112	16.337	0.098	16.347	0.116
14.561	0.195	14.566	0.209	14.571	0.121	14.576	0.024	16.359	0.139	16.367	0.134	16.374	0.034	16.381	0.069
14.581	-0.029	14.591	-0.033	14.600	-0.063	14.605	-0.068	16.391	0.051	16.403	0.047	16.412	0.034	16.419	0.025
14.619	-0.045	14.625	-0.054	14.634	-0.080	14.643	-0.062	16.430	0.065	16.439	0.087	16.443	0.056	16.451	0.088
14.655	-0.040	14.660	-0.062	14.668	-0.154	14.675	-0.203	16.457	0.061	16.466	0.048	16.476	0.066	16.490	0.137
14.684	-0.238	14.694	-0.242	14.704	-0.242	14.719	-0.184	16.497	0.168	16.508	0.177	16.517	0.155	16.524	0.103
14.723	-0.153	14.730	-0.118	14.738	-0.065	14.746	-0.051	16.535	-0.007	16.543	-0.051	16.551	-0.060	16.559	-0.042
14.757	-0.069	14.764	-0.068	14.769	-0.090	14.776	-0.121	16.569	-0.006	16.581	-0.002	16.590	0.003	16.601	0.047
14.782	-0.139	14.791	-0.165	14.801	-0.173	14.809	-0.147	16.609	0.078	16.622	0.114	16.634	0.140	16.643	0.189
14.816	-0.164	14.822	-0.230	14.831	-0.274	14.836	-0.318	16.647	0.211	16.653	0.220	16.660	0.202	16.670	0.123
14.840	-0.335	14.848	-0.300	14.855	-0.256	14.859	-0.255	16.681	0.056	16.691	0.027	16.701	-0.034	16.712	-0.056
14.867	-0.269	14.875	-0.282	14.885	-0.260	14.898	-0.255	16.716	0.056	16.724	-0.034	16.736	0.037	16.749	0.112
14.901	-0.268	14.909	-0.304	14.917	-0.321	14.924	-0.312	16.760	0.151	16.769	0.223	16.779	0.271	16.786	0.258
14.934	-0.277	14.940	-0.281	14.950	-0.338	14.964	-0.320	16.796	0.205	16.805	0.131	16.814	0.061	16.823	0.017
14.974	-0.276	14.984	-0.293	14.996	-0.276	15.005	-0.293	16.838	-0.005	16.849	-0.014	16.865	-0.000	16.880	0.000
15.013	-0.293	15.019	-0.289	15.027	-0.288	15.035	-0.280	16.889	0.009	16.900	0.054	16.909	0.098	16.916	0.111
15.046	-0.275	15.054	-0.271	15.058	-0.235	15.066	-0.235	16.922	0.098	16.931	0.054	16.940	0.024	16.953	0.019
15.075	-0.178	15.087	-0.076	15.090	-0.041	15.096	-0.015	16.961	0.020	16.968	-0.024	16.977	-0.024	16.983	-0.033
15.103	0.034	15.111	0.025	15.121	0.034	15.128	0.034	16.991	-0.019	17.003	0.032	17.007	-0.050	17.016	-0.120
15.145	-0.080	15.154	-0.080	15.157	-0.111	15.161	-0.128	17.028	-0.168	17.033	-0.168	17.044	-0.168	17.052	-0.154
15.165	-0.133	15.173	-0.071	15.177	-0.031	15.181	-0.027	17.058	-0.058	17.070	-0.216	17.083	-0.242	17.097	-0.272
15.192	-0.088	15.205	-0.124	15.217	-0.084	15.225	-0.044	17.105	-0.294	17.117	-0.254	17.126	-0.170	17.134	-0.109
15.234	0.005	15.244	0.036	15.253	0.097	15.260	0.137	17.137	-0.087	17.143	-0.073	17.153	-0.042	17.162	-0.024
15.265	0.146	15.273	0.124	15.279	0.076	15.285	0.036	17.169	-0.042	17.175	-0.081	17.181	-0.143	17.188	-0.178
15.290	0.023	15.297	0.041	15.304	0.094	15.310	0.111	17.195	-0.195	17.201	-0.182	17.211	-0.133	17.217	-0.085
15.315	0.120	15.321	0.116	15.331	0.063	15.341	-0.016	17.223	-0.071	17.229	-0.089	17.236	-0.120	17.244	-0.133
15.347	-0.068	15.353	-0.108	15.356	-0.059	15.363	0.028	17.248	-0.141	17.254	-0.119	17.263	-0.062	17.276	-0.017
15.370	-0.134	15.374	-0.138	15.381	-0.033	15.384	0.033	17.286	0.005	17.297	0.014	17.308	0.001	17.318	-0.034
15.390	0.038	15.397	0.135	15.403	0.139	15.415	0.228	17.326	-0.064	17.333	-0.069	17.347	-0.051	17.358	-0.046
15.421	0.237	15.430	0.312	15.439	0.312	15.444	0.316	17.370	-0.054	17.381	-0.059	17.387	-0.055	17.400	-0.068
15.451	0.286	15.458	0.277	15.465	0.237	15.471	0.211	17.411	-0.054	17.420	-0.045	17.425	-0.063	17.434	-0.098
15.480	0.216	15.487	0.242	15.493	0.242	15.500	0.220	17.441	-0.102	17.447	-0.084	17.455	0.004	17.463	0.030
15.509	0.150	15.516	0.110	15.525	0.067	15.536	0.036	17.472	0.035	17.482	0.022	17.495	0.022	17.513	0.022
15.542	0.032	15.550	0.054	15.560	0.107	15.567	0.133	17.524	0.040	17.528	0.071	17.536	0.137	17.544	0.159
15.575	0.133	15.581	0.129	15.590	0.090	15.601	0.055	17.551	0.159	17.560	0.142	17.567	0.107	17.578	0.094
15.607	0.046	15.618	0.042	15.623	0.024	15.630	-0.016	17.581	0.012	17.590	0.015	17.599	-0.020	17.608	-0.029
15.636	-0.064	15.644	-0.126	15.650	-0.170	15.660	-0.191	17.616	-0.003	17.623	0.056	17.630	0.086	17.640	0.099
15.674	-0.169	15.686	-0.161	15.697	-0.227	15.713	-0.222	17.651	0.103	17.659	0.066	17.672	0.060	17.685	0.055
15.728	-0.213	15.741	-0.195	15.750	-0.173	15.758	-0.156	17.699	0.069	17.711	0.060	17.727	0.060	17.735	0.056
15.765	-0.156	15.775	-0.173	15.784	-0.213	15.795	-0.226	17.749	0.091	17.757	0.105	17.765	0.087	17.778	0.039
15.805	-0.204	15.811	-0.195	15.822	-0.155	15.828	-0.160	17.785	0.026	17.794	0.026	17.810	0.061	17.825	0.079
15.838	-0.107	15.848	-0.067	15.856	-0.067	15.863	-0.089	17.834	0.079	17.846	0.066	17.858	0.061	17.868	0.079
15.869	-0.142	15.877	-0.186	15.884	-0.195	15.896	-0.195	17.883	0.141	17.891	0.163	17.897	0.168	17.904	0.159
15.900	-0.208	15.908	-0.252	15.915	-0.309	15.921	-0.301	17.917	0.093	17.920	0.080	17.930	0.071	17.942	0.067
15.927	-0.344	15.935	-0.331	15.948	-0.318	15.955	-0.300	17.950	0.058	17.957	0.036	17.964	-0.012	17.972	-0.069

17.978	-0.105	17.986	-0.148	17.992	-0.153	17.996	-0.144	20.080	-0.136	20.087	-0.123	20.100	-0.061	20.111	-0.017
18.011	-0.091	18.019	-0.069	18.033	-0.064	18.043	-0.016	20.120	0.013	20.130	0.022	20.142	0.017	20.151	0.017
18.051	-0.024	18.062	0.037	18.068	0.024	18.076	-0.007	20.158	0.032	20.168	0.019	20.173	0.034	20.182	0.158
18.084	-0.042	18.091	0.063	18.104	-0.076	18.118	-0.094	20.186	0.052	20.197	0.074	20.208	0.034	20.220	0.012
18.135	-0.102	18.143	-0.120	18.154	-0.137	18.165	-0.137	20.227	0.007	20.240	0.033	20.252	0.051	20.260	0.051
18.174	-0.124	18.183	-0.075	18.191	-0.044	18.201	-0.031	20.227	0.007	20.240	0.033	20.252	0.051	20.260	0.051
18.208	-0.031	18.216	-0.048	18.228	-0.079	18.242	-0.087	20.301	0.038	20.309	0.059	20.323	0.072	20.334	0.107
18.249	-0.096	18.260	-0.131	18.268	-0.144	18.282	-0.161	20.344	0.125	20.352	0.125	20.364	0.098	20.381	0.067
18.294	-0.192	18.304	-0.223	18.315	-0.266	18.325	-0.275	20.344	0.125	20.352	0.125	20.364	0.098	20.381	0.067
18.333	-0.266	18.346	-0.204	18.358	-0.151	18.370	-0.116	20.453	0.036	20.464	0.022	20.474	0.058	20.441	0.058
18.381	-0.093	18.389	-0.093	18.399	-0.115	18.408	-0.124	20.494	0.062	20.508	0.040	20.526	0.031	20.541	0.022
18.419	-0.092	18.427	-0.083	18.433	-0.097	18.440	-0.149	20.556	0.009	20.571	0.022	20.587	0.031	20.587	-0.022
18.460	-0.193	18.460	-0.193	18.467	-0.184	18.482	-0.105	20.601	-0.110	20.610	-0.146	20.621	-0.159	20.639	-0.155
18.493	-0.030	18.500	-0.003	18.509	0.010	18.518	-0.012	20.650	-0.146	20.660	-0.058	20.670	-0.054	20.680	-0.054
18.538	-0.042	18.538	-0.113	18.546	-0.139	18.556	-0.139	20.691	-0.068	20.703	-0.033	20.713	-0.011	20.715	-0.015
18.566	-0.126	18.576	-0.064	18.584	-0.033	18.597	-0.015	20.729	-0.073	20.739	-0.112	20.750	-0.139	20.770	-0.148
18.607	-0.006	18.615	0.016	18.623	0.069	18.631	0.122	20.765	-0.157	20.799	-0.135	20.815	-0.118	20.830	-0.109
18.640	0.157	18.649	0.148	18.659	0.122	18.668	0.108	20.842	-0.096	20.857	-0.105	20.868	-0.114	20.883	-0.132
18.675	0.082	18.683	0.047	18.689	0.011	18.698	-0.002	20.899	-0.141	20.913	-0.132	20.923	-0.106	20.934	-0.097
18.705	0.111	18.717	0.077	18.724	0.099	18.734	0.112	20.945	-0.106	20.959	-0.128	20.969	-0.133	20.977	-0.111
18.743	0.147	18.753	0.174	18.759	0.169	18.771	0.147	20.991	-0.045	21.001	-0.019	21.007	-0.023	21.016	-0.034
18.775	0.143	18.781	0.160	18.789	0.178	18.797	0.177	21.031	-0.112	21.038	-0.116	21.045	-0.103	21.056	-0.059
18.805	-0.155	18.814	-0.120	18.823	-0.076	18.831	-0.032	21.064	-0.046	21.074	-0.055	21.082	-0.107	21.101	-0.112
18.842	-0.008	18.849	-0.026	18.857	-0.035	18.863	-0.017	21.109	-0.094	21.122	-0.020	21.127	-0.011	21.138	-0.034
18.878	0.098	18.884	0.079	18.890	0.088	18.897	0.075	21.150	0.011	21.165	0.031	21.175	-0.011	21.189	-0.024
18.909	0.035	18.918	0.008	18.925	-0.005	18.932	0.017	21.203	-0.011	21.215	0.006	21.228	-0.011	21.238	-0.030
18.945	0.032	18.951	0.122	18.959	0.140	18.967	0.131	21.249	0.010	21.259	0.041	21.275	0.058	21.285	0.076
18.979	0.082	18.991	0.051	19.001	0.033	19.008	0.031	21.298	0.115	21.313	0.070	21.327	0.079	21.337	0.093
19.018	0.095	19.026	0.121	19.032	0.121	19.039	0.112	21.346	0.079	21.355	0.070	21.368	0.079	21.377	0.093
19.048	0.081	19.057	0.068	19.064	0.077	19.073	0.099	21.393	0.061	21.405	0.060	21.416	0.082	21.424	0.073
19.081	0.121	19.087	0.125	19.092	0.094	19.099	0.093	21.436	0.033	21.446	0.020	21.453	0.024	21.463	0.059
19.105	-0.016	19.111	-0.033	19.117	-0.016	19.128	0.041	21.465	0.103	21.494	0.116	21.505	0.116	21.513	0.107
19.138	0.085	19.145	0.103	19.151	0.103	19.162	0.063	21.526	0.098	21.534	0.107	21.542	0.142	21.549	0.142
19.175	-0.011	19.186	-0.064	19.195	-0.086	19.205	-0.091	21.556	0.128	21.566	0.071	21.580	0.018	21.594	-0.018
19.214	-0.073	19.223	-0.033	19.231	-0.007	19.236	0.011	21.603	-0.031	21.612	-0.018	21.622	0.026	21.633	0.052
19.250	0.015	19.258	0.024	19.264	0.041	19.272	0.068	21.639	0.039	21.652	0.022	21.665	0.048	21.679	0.074
19.279	0.063	19.288	0.037	19.298	0.015	19.311	0.002	21.699	0.078	21.716	0.071	21.723	0.078	21.731	0.043
19.321	-0.011	19.330	-0.020	19.340	-0.011	19.351	0.015	21.744	-0.027	21.752	-0.071	21.762	-0.080	21.773	0.058
19.364	0.024	19.377	0.033	19.390	0.055	19.401	0.059	21.791	0.016	21.801	0.043	21.807	0.051	21.818	0.034
19.407	0.046	19.417	-0.003	19.423	-0.025	19.431	-0.020	21.826	0.012	21.832	0.021	21.850	0.087	21.857	0.109
19.440	-0.003	19.453	-0.012	19.468	-0.029	19.483	-0.060	21.864	0.113	21.870	0.051	21.883	0.034	21.895	-0.023
19.495	-0.078	19.503	-0.083	19.511	-0.070	19.527	-0.017	21.910	-0.045	21.928	-0.054	21.943	-0.054	21.959	-0.040
19.534	0.001	19.542	0.005	19.548	-0.008	19.561	-0.066	21.974	-0.009	21.988	0.013	22.003	0.043	22.013	0.070
19.569	-0.092	19.581	-0.101	19.595	-0.101	19.604	-0.093	22.017	0.070	22.026	0.061	22.040	0.030	22.057	0.004
19.617	-0.066	19.630	-0.053	19.637	-0.036	19.647	0.007	22.073	0.004	22.084	0.005	22.094	0.018	22.103	0.027
19.652	-0.030	19.658	0.021	19.666	-0.005	19.675	-0.053	22.119	0.014	22.145	0.006	22.157	-0.021	22.170	0.001
19.687	-0.098	19.699	-0.128	19.709	-0.137	19.720	-0.133	22.179	0.002	22.188	-0.029	22.204	-0.077	22.212	-0.086
19.732	-0.111	19.739	-0.111	19.749	-0.120	19.759	-0.120	22.234	-0.050	22.247	-0.024	22.258	-0.010	22.276	-0.019
19.766	-0.085	19.777	-0.010	19.782	0.030	19.790	0.047	22.292	-0.010	22.298	-0.009	22.309	-0.036	22.326	-0.057
19.808	-0.060	19.821	0.056	19.826	0.038	19.835	0.007	22.340	-0.114	22.346	-0.097	22.358	-0.017	22.368	-0.059
19.846	-0.037	19.853	-0.050	19.858	-0.037	19.869	-0.002	22.376	-0.080	22.383	0.089	22.393	0.067	22.402	0.059
19.879	0.011	19.891	0.020	19.899	0.020	19.907	0.003	22.414	0.077	22.424	0.086	22.433	0.073	22.447	0.011
19.919	-0.050	19.926	-0.068	19.934	-0.068	19.943	-0.055	22.460	-0.046	22.468	-0.076	22.477	-0.081	22.484	-0.067
19.950	-0.059	19.962	-0.081	19.967	-0.086	19.974	-0.068	22.460	-0.046	22.468	-0.076	22.477	-0.081	22.484	-0.067
19.984	-0.024	19.993	-0.011	20.004	-0.011	20.018	-0.025	22.536	0.004	22.546	-0.000	22.556	0.013	22.564	0.044
20.031	-0.034	20.048	-0.065	20.060	-0.082	20.070	-0.105	22.580	0.058	22.592	0.049	22.601	0.005	22.612	-0.021

22.620	-0.017	22.630	0.014	22.639	0.037	22.655	0.046	25.377	C.040	25.392	0.053	25.412	0.057	25.427	0.053
22.667	-0.033	22.676	0.006	22.687	-0.020	22.695	-0.033	25.440	0.044	25.457	0.045	25.471	0.045	25.477	0.054
22.703	-0.029	22.715	0.011	22.723	0.038	22.729	0.046	25.494	C.106	25.507	0.045	25.512	0.045	25.524	0.085
22.740	0.038	22.754	0.016	22.771	0.012	22.782	0.003	25.537	0.076	25.552	0.076	25.566	0.089	25.580	C.080
22.788	-0.015	22.798	-0.041	22.811	-0.072	22.825	-0.085	25.557	0.075	25.574	C.080	25.588	0.062	25.642	0.048
22.832	-0.085	22.841	-0.076	22.851	-0.054	22.861	-0.018	25.601	C.057	25.612	0.039	25.627	0.026	25.702	0.026
22.867	-0.005	22.878	-0.000	22.889	-0.014	22.905	-0.035	25.709	0.008	25.719	0.008	25.729	0.013	25.734	0.017
22.917	-0.040	22.923	-0.061	22.933	-0.088	22.940	-0.096	25.747	0.008	25.754	-	25.762	-0.000	25.778	0.022
22.953	-0.087	22.969	-0.056	22.986	-0.056	22.999	-0.038	25.790	0.027	25.800	0.018	25.814	-0.012	25.824	-0.025
23.016	-0.016	23.025	-0.016	23.035	-0.033	23.048	-0.064	25.834	-0.016	25.850	0.024	25.858	0.030	25.907	C.020
23.065	-0.051	23.088	-0.050	23.100	-0.041	23.116	-0.028	25.882	0.051	25.890	0.023	25.901	0.020	25.944	C.012
23.130	-0.036	23.143	-0.054	23.158	-0.054	23.169	-0.049	25.918	0.029	25.928	0.034	25.936	0.030	25.944	C.012
23.187	-0.040	23.199	-0.031	23.219	-0.044	23.234	-0.026	25.957	0.003	25.971	-0.001	25.980	-0.009	25.993	-0.022
23.247	-0.025	23.260	-0.034	23.278	-0.029	23.286	-0.042	26.004	-0.009	26.013	0.000	26.024	-0.004	26.033	-0.013
23.302	-0.090	23.315	-0.112	23.325	-0.079	23.338	-0.059	26.051	-0.017	26.058	-0.030	26.068	-0.061	26.077	-0.078
23.348	-0.032	23.367	-0.045	23.375	-0.040	23.389	-0.018	26.084	-0.087	26.096	-0.078	26.106	-0.086	26.116	-0.069
23.406	0.017	23.417	0.035	23.422	0.035	23.431	0.022	26.128	-0.082	26.147	-0.081	26.163	-0.086	26.176	-0.085
23.451	-0.039	23.451	-0.083	23.462	-0.096	23.476	-0.078	26.185	-0.098	26.197	-0.116	26.205	-0.124	26.214	-0.111
23.491	-0.047	23.509	-0.029	23.520	-0.011	23.532	0.037	26.224	-0.093	26.233	-0.089	26.245	-0.089	26.257	-0.084
23.541	0.068	23.554	0.077	23.565	0.084	23.577	0.016	26.265	-0.093	26.278	-0.106	26.294	-0.105	26.311	-0.114
23.624	0.017	23.635	0.031	23.646	0.018	23.657	0.005	26.327	-0.118	26.345	-0.104	26.360	-0.099	26.378	-0.094
23.671	0.005	23.691	0.023	23.705	0.030	23.786	0.035	26.394	-0.072	26.408	-0.045	26.418	-0.036	26.429	-0.040
23.729	0.051	23.745	0.034	23.766	0.030	23.786	0.035	26.441	-0.053	26.453	-0.066	26.461	-0.074	26.468	-0.078
23.799	0.040	23.810	0.032	23.829	0.015	23.850	0.011	26.526	-0.044	26.541	-0.010	26.556	-0.009	26.563	-0.014
23.866	0.012	23.876	0.025	23.892	0.013	23.910	0.013	26.574	-0.044	26.583	-0.061	26.596	-0.056	26.607	-0.047
23.924	0.031	23.937	0.054	23.946	0.063	23.956	0.054	26.621	-0.047	26.631	-0.033	26.642	-0.015	26.652	-0.006
23.971	0.028	23.981	0.020	23.999	0.033	24.014	0.038	26.666	-0.010	26.680	-0.008	26.695	-0.013	26.705	-0.021
24.034	0.034	24.049	0.035	24.060	0.035	24.070	0.092	26.718	-0.004	26.730	-0.026	26.735	-0.030	26.745	-0.021
24.098	0.084	24.098	0.071	24.112	0.081	24.131	0.090	26.764	C.020	26.775	0.029	26.783	0.029	26.794	-0.002
24.141	0.077	24.152	0.042	24.164	0.033	24.174	-0.001	26.808	-0.045	26.817	-0.058	26.833	-0.040	26.844	-0.027
24.187	0.032	24.198	0.035	24.213	0.037	24.227	0.014	26.861	-0.017	26.870	-0.000	26.885	-0.032	26.901	C.050
24.241	0.064	24.256	0.063	24.273	0.086	24.282	0.086	26.914	0.063	26.923	0.063	26.937	0.051	26.952	0.060
24.289	0.064	24.300	0.016	24.311	-0.049	24.318	-0.089	26.969	0.065	26.983	0.052	26.997	0.043	27.014	0.053
24.328	-0.0093	24.344	-0.074	24.356	-0.078	24.364	-0.047	27.033	C.058	27.051	0.067	27.064	0.072	27.075	C.059
24.373	-0.007	24.383	0.011	24.391	0.007	24.399	-0.019	27.131	0.042	27.103	0.029	27.110	0.025	27.123	0.038
24.410	-0.054	24.417	-0.062	24.426	-0.058	24.441	-0.030	27.131	0.038	27.138	0.025	27.153	-0.014	27.164	-0.027
24.454	-0.026	24.464	-0.029	24.472	-0.036	24.485	-0.077	27.180	-0.026	27.195	-0.034	27.211	-0.034	27.222	-0.020
24.498	-0.090	24.514	-0.076	24.527	-0.080	24.541	-0.088	27.236	-0.011	27.248	-0.014	27.263	-0.023	27.273	-0.044
24.559	-0.079	24.572	-0.087	24.589	-0.095	24.601	-0.064	27.285	-0.048	27.292	-0.039	27.305	-0.021	27.314	-0.012
24.613	-0.028	24.622	-0.032	24.641	-0.062	24.656	-0.079	27.323	-0.016	27.335	-0.050	27.350	-0.063	27.363	-0.053
24.665	-0.083	24.675	-0.070	24.686	-0.039	24.694	-0.034	27.378	-0.040	27.395	-0.043	27.406	-0.051	27.424	-0.024
24.705	-0.094	24.717	-0.082	24.730	-0.112	24.735	-0.112	27.437	-0.015	27.453	-0.014	27.474	-0.009	27.498	0.006
24.793	-0.049	24.810	-0.022	24.823	-0.000	24.831	-0.009	27.500	0.015	27.511	-0.002	27.528	-0.034	27.538	-0.072
24.843	-0.053	24.855	-0.084	24.868	-0.096	24.882	-0.109	27.549	-0.080	27.567	-0.075	27.588	-0.052	27.607	-0.034
24.892	-0.104	24.906	-0.064	24.919	-0.016	24.938	0.007	27.616	-0.011	27.630	-0.020	27.642	-0.034	27.652	-0.025
24.953	0.020	24.967	0.007	24.975	-0.006	24.991	0.003	27.666	-0.014	27.676	-0.044	27.685	-0.037	27.702	-0.048
25.057	-0.048	25.065	-0.018	25.082	-0.035	25.090	-0.053	27.723	-0.047	27.745	-0.037	27.760	-0.024	27.769	-0.006
25.087	0.036	25.101	-0.025	25.118	-0.038	25.131	-0.055	27.784	C.034	27.793	0.043	27.808	0.022	27.815	0.017
25.142	-0.046	25.156	-0.015	25.166	-0.006	25.179	-0.010	27.836	0.018	27.850	0.014	27.864	-0.003	27.875	-0.025
25.187	-0.005	25.201	0.039	25.216	0.084	25.226	0.110	27.889	-0.042	27.907	-0.029	27.933	-0.019	27.954	-0.006
25.238	0.106	25.247	0.085	25.260	0.041	25.270	0.010	27.974	0.021	27.994	0.061	28.003	0.066	28.012	0.057
25.281	-0.002	25.295	-0.011	25.308	-0.002	25.319	0.021	28.026	0.048	28.044	0.036	28.057	0.031	28.081	C.041
25.333	0.052	25.346	0.070	25.354	0.079	25.367	0.057	28.097	0.045	28.112	C.032	28.127	0.028	28.146	0.037
								28.166	-0.042	28.173	0.033	28.190	-0.002	28.204	-0.029
								28.218	-0.024	28.229	-0.015	28.241	-0.020	28.260	-0.046

28.215	-0.063	28.280	-0.068	28.294	-0.050	28.309	-0.041	30.756	0.052	30.807	0.030	30.822	0.004	30.833	-0.022
28.329	-0.050	28.345	-0.023	28.368	0.012	28.381	0.021	30.842	-0.031	30.853	-0.044	30.866	-0.039	30.874	-0.039
28.392	0.008	28.403	-0.010	28.411	-0.001	28.421	0.005	30.882	-0.052	30.889	-0.045	30.900	-0.047	30.908	-0.038
28.440	0.012	28.453	0.026	28.467	0.021	28.473	0.017	30.922	-0.029	30.931	-0.011	30.940	0.002	30.944	0.006
28.484	-0.014	28.495	-0.036	28.506	-0.040	28.522	-0.022	30.950	-0.007	30.956	-0.024	30.964	-0.037	30.972	-0.041
28.535	-0.000	28.549	-0.009	28.558	0.004	28.572	-0.000	30.982	-0.037	30.992	-0.023	31.000	-0.023	31.008	-0.027
28.584	0.013	28.601	0.040	28.613	0.044	28.623	0.036	31.022	-0.036	31.030	-0.027	31.043	-0.018	31.050	-0.009
28.634	0.005	28.647	0.001	28.661	0.005	28.672	0.010	31.062	-0.008	31.071	-0.001	31.077	0.001	31.085	-0.017
28.692	0.010	28.710	0.019	28.728	0.034	28.744	0.019	31.067	-0.034	31.108	0.034	31.120	-0.033	31.132	-0.046
28.761	0.011	28.776	0.007	28.790	-0.006	28.804	-0.015	31.144	-0.051	31.154	-0.050	31.162	-0.041	31.170	-0.011
28.820	-0.015	28.830	-0.023	28.842	-0.010	28.854	0.017	31.177	0.007	31.185	0.007	31.192	-0.001	31.199	0.016
28.869	0.021	28.889	0.021	28.905	0.022	28.919	0.004	31.207	0.012	31.214	0.003	31.223	-0.001	31.229	-0.067
28.941	-0.009	28.955	-0.026	28.971	-0.025	28.983	-0.021	31.236	-0.080	31.243	-0.075	31.255	-0.053	31.264	-0.036
28.993	-0.038	29.003	-0.042	29.012	-0.033	29.021	-0.028	31.273	-0.022	31.275	-0.035	31.251	-0.066	31.302	-0.092
29.035	-0.041	29.045	-0.054	29.058	-0.054	29.069	-0.058	31.310	-0.101	31.321	-0.096	31.325	-0.074	31.336	-0.021
29.084	-0.070	29.101	-0.079	29.115	-0.078	29.127	-0.078	31.341	0.005	31.350	0.014	31.359	0.014	31.366	0.006
29.150	-0.068	29.162	-0.068	29.175	-0.076	29.189	-0.058	31.374	-0.012	31.384	-0.056	31.390	-0.064	31.401	-0.055
29.202	-0.040	29.214	-0.035	29.233	-0.035	29.246	-0.039	31.408	-0.051	31.417	-0.044	31.425	-0.077	31.433	-0.073
29.253	-0.030	29.278	-0.025	29.289	-0.020	29.298	-0.016	31.441	-0.068	31.448	-0.081	31.455	-0.107	31.462	-0.107
29.310	-0.024	29.325	-0.024	29.341	-0.015	29.351	-0.003	31.472	-0.085	31.481	-0.054	31.489	-0.032	31.497	-0.027
29.366	0.020	29.375	0.016	29.390	-0.006	29.402	0.005	31.507	-0.027	31.521	-0.023	31.529	-0.022	31.537	-0.036
29.412	0.008	29.425	0.043	29.435	0.037	29.444	0.044	31.545	-0.035	31.551	-0.031	31.566	-0.013	31.572	-0.017
29.455	0.009	29.468	-0.022	29.475	-0.026	29.486	-0.021	31.583	-0.048	31.593	-0.057	31.610	-0.056	31.626	-0.047
29.499	0.001	29.510	0.010	29.523	0.010	29.534	-0.003	31.639	-0.047	31.658	-0.051	31.669	-0.042	31.680	-0.024
29.545	-0.007	29.556	0.002	29.568	0.020	29.578	0.025	31.688	-0.015	31.700	-0.024	31.709	-0.032	31.720	-0.023
29.589	0.025	29.605	0.026	29.623	0.022	29.635	0.013	31.734	-0.019	31.746	-0.018	31.759	-0.027	31.772	-0.031
29.643	0.009	29.659	0.014	29.672	0.015	29.684	0.024	31.782	-0.031	31.797	-0.013	31.807	-0.005	31.816	-0.005
29.688	-0.033	29.708	0.029	29.718	0.029	29.729	0.043	31.825	-0.003	31.835	-0.016	31.850	-0.011	31.865	-0.007
29.740	-0.052	29.753	0.052	29.766	0.048	29.778	0.040	31.886	-0.010	31.896	-0.006	31.913	-0.005	31.925	-0.001
29.788	0.018	29.801	0.001	29.810	-0.017	29.820	-0.021	31.933	0.004	31.943	-0.009	31.957	-0.013	31.968	-0.017
29.833	-0.020	29.847	-0.011	29.860	-0.007	29.871	-0.007	31.980	-0.008	31.987	-0.008	31.994	-0.029	32.001	-0.060
29.882	-0.002	29.898	0.029	29.908	0.038	29.916	0.033	32.015	-0.073	32.019	-0.073	32.030	-0.060	32.041	-0.046
29.925	0.020	29.937	-0.015	29.945	-0.028	29.958	-0.028	32.053	-0.042	32.069	-0.024	32.083	-0.010	32.094	-0.010
29.973	-0.024	29.990	-0.023	30.005	-0.023	30.013	-0.028	32.103	-0.010	32.110	0.003	32.117	0.012	32.123	0.008
30.021	-0.015	30.033	0.012	30.041	0.021	30.055	0.021	32.134	-0.023	32.140	-0.041	32.145	-0.040	32.157	-0.031
30.068	0.029	30.079	0.029	30.090	0.021	30.099	-0.001	32.170	-0.018	32.183	-0.000	32.194	0.004	32.202	0.004
30.111	-0.006	30.122	0.003	30.136	0.021	30.155	0.029	32.211	-0.004	32.221	-0.008	32.230	-0.004	32.241	0.006
30.174	0.030	30.178	0.030	30.191	0.039	30.200	0.052	32.251	0.023	32.259	0.032	32.267	0.024	32.275	0.006
30.207	0.052	30.218	0.043	30.230	0.026	30.238	0.026	32.286	-0.002	32.296	0.002	32.309	0.003	32.319	-0.002
30.246	0.017	30.258	0.021	30.265	-0.017	30.272	0.004	32.334	-0.001	32.338	-0.010	32.349	-0.028	32.355	-0.028
30.285	-0.009	30.292	-0.014	30.300	-0.009	30.305	-0.014	32.366	-0.010	32.377	-0.001	32.385	0.003	32.397	0.025
30.313	-0.022	30.319	-0.026	30.327	-0.018	30.333	-0.009	32.409	0.047	32.417	0.052	32.422	0.056	32.431	0.052
30.341	-0.013	30.347	-0.035	30.354	-0.061	30.359	-0.061	32.441	0.043	32.454	0.035	32.466	0.018	32.476	0.009
30.365	-0.048	30.372	-0.017	30.377	-0.003	30.386	-0.003	32.483	0.005	32.495	0.023	32.504	0.036	32.512	0.023
30.394	-0.003	30.400	0.010	30.407	0.032	30.415	0.032	32.521	0.015	32.527	0.028	32.539	0.055	32.546	0.059
30.421	0.006	30.428	-0.020	30.434	-0.024	30.440	-0.011	32.554	0.050	32.562	0.033	32.566	0.024	32.574	0.033
30.450	0.037	30.456	0.051	30.462	0.042	30.470	0.003	32.584	0.038	32.590	0.029	32.599	0.016	32.608	0.029
30.478	-0.006	30.484	0.003	30.491	0.021	30.502	0.021	32.619	0.047	32.625	0.051	32.635	0.038	32.644	0.029
30.511	0.012	30.518	0.025	30.527	-0.039	30.536	-0.035	32.650	0.029	32.665	0.036	32.671	0.038	32.681	0.021
30.546	0.008	30.555	-0.014	30.563	-0.013	30.573	-0.004	32.691	0.016	32.697	0.016	32.710	0.029	32.720	0.034
30.584	0.009	30.592	0.009	30.600	0.005	30.614	0.018	32.732	0.038	32.749	0.052	32.749	0.056	32.760	0.043
30.622	0.027	30.633	0.027	30.641	0.036	30.649	0.054	32.768	0.030	32.776	0.039	32.789	0.070	32.795	0.074
30.657	0.076	30.661	0.068	30.668	0.050	30.676	0.015	32.804	0.057	32.818	0.021	32.831	0.018	32.840	0.010
30.682	0.011	30.694	0.011	30.698	0.011	30.707	-0.020	32.848	0.010	32.861	0.024	32.870	0.020	32.883	0.002
30.717	-0.037	30.725	-0.037	30.733	-0.037	30.749	-0.015	32.890	-0.002	32.902	0.012	32.908	0.021	32.920	0.021
30.761	0.012	30.772	0.038	30.780	0.056	30.788	0.061	32.930	0.013	32.944	0.009	32.955	0.001	32.966	-0.021

32.974	-0.021	32.983	0.006	32.989	0.011	33.001	0.011	35.517	0.025	35.525	0.047	35.539	0.060	35.552	0.069
33.010	0.002	33.028	-0.007	33.044	-0.002	33.061	-0.006	35.560	0.065	35.569	0.029	35.577	0.021	35.586	0.025
33.071	0.003	33.087	0.016	33.099	0.003	33.118	0.004	35.599	0.056	35.608	0.056	35.619	0.038	35.625	0.038
33.123	0.001	33.138	-0.001	33.148	-0.005	33.162	0.002	35.644	0.047	35.657	0.038	35.662	0.038	35.676	0.038
33.170	0.009	33.182	0.026	33.199	0.022	33.207	0.027	35.679	0.100	35.693	0.117	35.707	0.122	35.713	0.109
33.212	0.031	33.222	0.014	33.232	0.004	33.245	0.005	35.723	0.065	35.733	0.029	35.743	0.025	35.757	0.029
33.254	0.014	33.267	-0.004	33.285	0.005	33.297	0.010	35.767	0.021	35.781	0.068	35.793	-0.006	35.801	0.003
33.309	0.001	33.323	-0.012	33.337	-0.008	33.350	-0.003	35.812	0.021	35.822	0.025	35.838	0.017	35.849	-0.005
33.364	-0.011	33.380	-0.024	33.388	-0.028	33.398	-0.010	35.859	-0.027	35.869	-0.049	35.877	-0.053	35.891	-0.013
33.409	-0.001	33.422	-0.005	33.436	-0.009	33.448	0.001	35.901	-0.009	35.911	-0.013	35.925	-0.035	35.937	-0.039
33.459	0.014	33.475	0.018	33.495	0.010	33.510	0.023	35.949	-0.030	35.962	-0.012	35.973	0.014	35.977	0.019
33.524	0.036	33.536	0.037	33.548	0.024	33.556	0.019	35.984	0.014	35.998	-0.003	36.010	0.006	36.023	0.020
33.566	0.037	33.581	0.055	33.592	0.055	33.607	0.051	36.034	0.015	36.045	-0.011	36.061	0.029	36.080	0.007
33.613	-0.043	33.626	0.008	33.638	-0.023	33.650	-0.031	36.098	0.030	36.110	0.012	36.124	-0.009	36.134	0.008
33.660	-0.031	33.671	-0.012	33.682	0.006	33.687	0.015	36.144	0.022	36.156	0.004	36.168	-0.013	36.177	-0.017
33.695	-0.007	33.704	-0.038	33.712	-0.046	33.720	-0.033	36.183	-0.039	36.195	-0.070	36.203	-0.070	36.217	-0.052
33.730	-0.006	33.742	-0.004	33.755	0.013	33.763	0.005	36.226	-0.034	36.242	-0.012	36.252	-0.003	36.266	-0.003
33.772	-0.026	33.782	-0.052	33.789	-0.056	33.796	-0.047	36.273	-0.016	36.281	-0.038	36.289	-0.038	36.295	-0.029
33.809	-0.028	33.824	-0.032	33.831	-0.036	33.848	-0.027	36.305	-0.007	36.313	-0.007	36.316	-0.002	36.320	-0.006
33.864	-0.026	33.873	-0.021	33.884	-0.012	33.894	-0.016	36.330	-0.007	36.341	-0.029	36.352	-0.025	36.364	-0.007
33.904	-0.002	33.915	0.015	33.926	0.020	33.936	0.020	36.374	0.011	36.384	0.033	36.391	0.041	36.401	0.024
33.948	0.016	33.959	0.007	33.967	0.003	33.983	0.012	36.413	-0.016	36.423	-0.021	36.434	-0.012	36.446	-0.003
33.997	-0.006	34.013	-0.016	34.019	-0.016	34.031	-0.008	36.453	-0.008	36.466	-0.030	36.480	-0.061	36.489	-0.078
34.052	-0.008	34.061	-0.005	34.071	-0.009	34.078	-0.001	36.502	-0.056	36.511	-0.039	36.523	-0.034	36.537	-0.038
34.086	0.026	34.092	0.031	34.107	0.000	34.124	0.005	36.547	-0.043	36.564	-0.056	36.577	-0.060	36.585	-0.047
34.132	-0.008	34.143	-0.034	34.164	-0.034	34.176	-0.038	36.602	-0.046	36.623	-0.055	36.637	-0.055	36.653	-0.053
34.186	-0.038	34.202	-0.020	34.221	-0.037	34.239	-0.038	36.662	-0.037	36.674	-0.019	36.688	-0.019	36.705	-0.023
34.245	0.007	34.256	-0.010	34.269	-0.024	34.285	0.007	36.724	-0.014	36.740	-0.014	36.759	-0.014	36.773	-0.009
34.294	-0.021	34.304	-0.021	34.323	-0.024	34.339	-0.021	36.787	-0.000	36.797	0.013	36.808	-0.000	36.821	-0.013
34.342	-0.009	34.350	-0.014	34.362	-0.009	34.376	-0.008	36.837	-0.013	36.848	-0.026	36.856	-0.025	36.869	-0.012
34.384	0.071	34.392	0.066	34.409	0.023	34.419	0.005	36.875	-0.003	36.890	-0.020	36.899	-0.024	36.913	-0.010
34.430	-0.024	34.436	-0.012	34.447	-0.024	34.457	-0.020	36.926	-0.004	36.936	0.017	36.945	0.031	36.956	-0.008
34.465	0.024	34.473	0.016	34.488	0.024	34.494	-0.028	36.968	0.004	36.986	0.027	36.993	0.021	37.007	-0.008
34.505	-0.028	34.518	-0.005	34.533	-0.004	34.551	0.018	37.019	-0.025	37.030	-0.047	37.038	-0.051	37.046	-0.042
34.562	-0.005	34.577	-0.008	34.588	-0.020	34.596	-0.024	37.091	-0.001	37.096	-0.001	37.108	0.021	37.118	0.030
34.603	-0.020	34.614	-0.010	34.627	-0.005	34.638	-0.013	37.131	0.035	37.137	0.031	37.143	0.017	37.153	-0.013
34.651	-0.030	34.662	-0.030	34.676	-0.016	34.689	-0.016	37.166	-0.035	37.175	-0.022	37.191	0.031	37.198	0.062
34.704	-0.016	34.715	-0.016	34.727	-0.047	34.735	-0.048	37.207	0.071	37.219	0.049	37.226	0.023	37.231	0.023
34.753	-0.045	34.766	-0.050	34.783	-0.055	34.799	-0.073	37.241	0.031	37.256	0.042	37.262	0.062	37.273	0.062
34.810	-0.086	34.821	-0.099	34.828	-0.099	34.841	-0.077	37.286	0.022	37.295	0.004	37.301	0.013	37.321	0.031
34.858	-0.050	34.867	-0.041	34.882	-0.040	34.899	-0.018	37.331	0.057	37.347	0.066	37.353	0.062	37.367	0.044
34.912	-0.013	34.926	-0.016	34.932	-0.029	34.945	-0.077	37.384	0.044	37.394	0.040	37.407	0.014	37.419	0.001
34.953	-0.090	34.958	-0.090	34.965	-0.077	34.976	-0.046	37.432	-0.004	37.448	-0.008	37.448	-0.010	37.462	0.033
34.984	-0.037	34.996	-0.059	35.001	-0.063	35.012	-0.050	37.469	0.051	37.481	0.056	37.489	0.050	37.506	0.079
35.019	-0.019	35.030	-0.006	35.040	0.012	35.050	0.038	37.517	0.079	37.523	0.049	37.534	0.032	37.550	0.023
35.059	0.051	35.069	0.047	35.080	0.017	35.091	-0.005	37.560	0.015	37.575	0.011	37.589	0.007	37.599	0.011
35.106	-0.009	35.118	-0.005	35.129	-0.013	35.141	-0.022	37.610	0.029	37.620	0.056	37.628	0.082	37.636	0.091
35.159	-0.026	35.160	-0.008	35.171	0.023	35.182	0.032	37.642	0.082	37.650	0.056	37.661	0.030	37.669	0.021
35.229	-0.037	35.238	-0.050	35.247	-0.028	35.256	-0.006	37.675	0.031	37.691	0.022	37.698	0.026	37.706	0.013
35.273	-0.010	35.279	-0.010	35.287	-0.007	35.297	0.008	37.719	-0.031	37.729	-0.043	37.738	-0.034	37.752	0.006
35.306	0.047	35.313	0.034	35.324	0.021	35.337	0.029	37.764	0.032	37.773	0.050	37.780	0.050	37.788	0.042
35.353	-0.038	35.365	-0.047	35.373	-0.056	35.382	-0.047	37.796	0.029	37.809	0.016	37.819	-0.025	37.833	0.034
35.397	0.025	35.400	0.021	35.411	0.043	35.421	0.060	37.842	0.020	37.854	0.004	37.872	-0.026	37.887	-0.034
35.433	0.056	35.444	0.065	35.453	0.078	35.463	0.065	37.908	-0.029	37.922	-0.024	37.933	-0.028	37.944	-0.010
35.482	0.047	35.487	0.029	35.495	0.003	35.504	0.003	37.956	0.004	37.962	-0.001	37.975	-0.013	37.984	-0.031

37.995	-0.048	38.003	-0.052	38.013	-0.043	38.027	-0.042	40.227	0.025	40.237	0.016	40.251	0.021	40.265	0.030
38.032	-0.055	38.046	-0.081	38.066	-0.094	38.073	-0.089	40.274	0.026	40.283	0.021	40.292	-0.000	40.303	-0.018
38.087	-0.071	38.096	-0.044	38.104	-0.035	38.113	-0.035	40.313	0.026	40.322	0.026	40.329	-0.022	40.341	-0.012
38.129	-0.030	38.142	-0.020	38.154	-0.020	38.163	-0.011	40.350	-0.008	40.358	0.010	40.367	0.024	40.374	0.029
38.173	0.003	38.179	-0.010	38.185	-0.036	38.191	-0.033	40.362	0.020	40.369	0.012	40.401	-0.005	40.410	-0.004
38.199	-0.057	38.214	-0.030	38.220	-0.021	38.231	-0.030	40.425	-0.003	40.434	-0.003	40.443	-0.002	40.449	-0.015
38.239	-0.029	38.258	-0.020	38.271	-0.019	38.281	-0.014	40.459	-0.028	40.468	-0.036	40.473	-0.036	40.484	-0.022
38.294	-0.001	38.303	-0.000	38.312	-0.004	38.322	0.009	40.489	-0.004	40.499	0.016	40.509	0.010	40.523	0.011
38.331	0.019	38.342	0.023	38.351	0.011	38.365	-0.002	40.534	0.011	40.543	0.016	40.555	0.012	40.565	0.008
38.378	-0.014	38.392	-0.022	38.401	-0.012	38.417	0.002	40.578	0.004	40.587	0.005	40.603	-0.003	40.616	-0.007
38.431	0.002	38.447	0.008	38.462	0.012	38.476	0.008	40.628	-0.003	40.641	0.010	40.654	0.010	40.662	0.006
38.488	0.009	38.502	0.011	38.512	0.007	38.520	0.004	40.673	-0.003	40.686	0.002	40.700	0.002	40.707	-0.003
38.530	0.005	38.536	0.014	38.549	0.015	38.563	0.016	40.717	-0.003	40.727	-0.004	40.736	0.005	40.746	0.003
38.573	0.025	38.580	0.034	38.587	0.044	38.594	0.031	40.753	0.018	40.762	0.017	40.771	0.004	40.780	-0.005
38.599	0.019	38.607	-0.002	38.614	-0.001	38.618	-0.004	40.788	-0.014	40.797	-0.014	40.804	-0.005	40.819	0.008
38.628	0.002	38.641	0.021	38.652	0.031	38.663	0.039	40.827	0.013	40.833	0.013	40.842	0.008	40.852	0.004
38.673	0.048	38.685	0.058	38.693	0.055	38.699	0.050	40.858	-0.000	40.867	0.013	40.876	0.022	40.887	0.031
38.711	0.045	38.718	0.040	38.729	0.034	38.740	0.025	40.900	0.036	40.906	0.032	40.915	0.019	40.925	0.001
38.745	0.021	38.758	0.016	38.764	0.020	38.776	0.020	40.934	-0.003	40.943	-0.007	40.952	-0.012	40.961	-0.011
38.786	0.020	38.795	0.024	38.806	0.033	38.812	0.034	40.971	0.002	40.984	0.011	40.988	0.015	40.996	0.006
38.824	0.030	38.828	0.021	38.836	0.017	38.842	0.023	41.006	-0.007	41.017	-0.011	41.026	-0.011	41.041	-0.002
38.855	0.041	38.863	0.046	38.870	0.050	38.883	0.041	41.050	0.002	41.063	-0.002	41.077	-0.011	41.086	-0.024
38.895	0.027	38.901	0.022	38.909	0.003	38.917	-0.002	41.094	-0.024	41.105	-0.015	41.119	-0.006	41.125	-0.006
38.924	0.002	38.934	0.014	38.940	0.023	38.949	0.018	41.131	-0.010	41.141	-0.014	41.149	-0.010	41.161	-0.005
38.958	0.005	38.968	0.002	38.978	0.003	38.985	0.003	41.172	-0.014	41.187	-0.005	41.195	-0.000	41.206	-0.009
38.993	0.004	39.001	-0.000	39.010	0.014	39.020	0.032	41.215	-0.017	41.227	-0.018	41.238	-0.021	41.249	-0.010
39.028	0.032	39.036	0.028	39.047	0.011	39.055	0.002	41.255	-0.033	41.269	-0.028	41.277	-0.015	41.283	-0.001
39.067	0.002	39.073	0.003	39.082	-0.006	39.089	-0.018	41.294	-0.019	41.300	-0.027	41.307	-0.031	41.316	-0.031
39.102	-0.013	39.108	-0.009	39.117	-0.012	39.127	-0.019	41.333	-0.013	41.341	-0.005	41.349	-0.004	41.355	-0.019
39.138	-0.022	39.146	-0.021	39.156	-0.020	39.165	-0.020	41.364	0.010	41.377	0.002	41.389	-0.003	41.403	0.002
39.175	-0.015	39.184	-0.006	39.194	-0.006	39.208	-0.006	41.414	0.002	41.423	0.006	41.431	0.002	41.441	-0.015
39.221	-0.006	39.233	0.004	39.247	0.009	39.254	0.005	41.448	-0.029	41.455	-0.037	41.463	-0.028	41.476	-0.024
39.265	-0.012	39.273	-0.012	39.285	0.002	39.298	-0.006	41.484	-0.028	41.491	-0.028	41.503	-0.019	41.516	-0.019
39.308	0.003	39.320	0.021	39.331	0.025	39.339	0.025	41.525	-0.019	41.537	-0.019	41.542	-0.014	41.556	-0.023
39.354	0.008	39.362	-0.009	39.374	-0.027	39.382	-0.036	41.565	-0.019	41.578	-0.014	41.590	-0.018	41.598	-0.018
39.389	-0.003	39.400	-0.018	39.408	-0.004	39.417	0.001	41.609	-0.014	41.620	-0.005	41.630	-0.000	41.639	-0.000
39.426	0.001	39.435	0.002	39.444	0.019	39.452	0.019	41.648	-0.004	41.657	-0.013	41.667	-0.004	41.679	0.010
39.463	0.019	39.475	0.019	39.486	0.023	39.495	0.009	41.687	0.019	41.692	0.010	41.701	-0.003	41.709	-0.011
39.503	-0.018	39.516	-0.031	39.528	-0.049	39.536	-0.053	41.719	-0.007	41.732	-0.002	41.737	0.012	41.746	0.008
39.544	-0.061	39.553	-0.069	39.561	-0.056	39.571	-0.024	41.756	0.004	41.764	-0.014	41.774	-0.022	41.783	-0.026
39.580	-0.006	39.588	-0.000	39.596	0.005	39.605	0.015	41.791	-0.022	41.801	-0.017	41.812	-0.016	41.821	-0.028
39.615	0.024	39.626	0.021	39.645	0.009	39.651	-0.004	41.829	-0.033	41.840	-0.037	41.849	-0.028	41.861	-0.028
39.661	-0.017	39.670	-0.026	39.688	-0.012	39.692	-0.007	41.873	-0.031	41.883	-0.031	41.897	-0.017	41.911	0.001
39.706	-0.011	39.720	-0.006	39.728	-0.002	39.738	-0.006	41.925	0.001	41.939	-0.003	41.954	0.006	41.966	0.010
39.744	-0.006	39.754	0.008	39.764	0.013	39.772	-0.004	41.982	0.002	41.996	-0.007	42.009	-0.015	42.021	-0.015
39.785	-0.008	39.794	-0.012	39.805	-0.020	39.813	-0.029	42.030	-0.015	42.043	-0.015	42.058	-0.010	42.071	-0.010
39.821	-0.020	39.831	-0.006	39.843	-0.002	39.858	-0.003	42.083	-0.015	42.097	-0.019	42.104	-0.015	42.116	-0.001
39.870	-0.004	39.877	-0.004	39.890	-0.022	39.899	-0.027	42.125	-0.003	42.138	-0.010	42.151	-0.010	42.168	-0.000
39.910	-0.031	39.918	-0.035	39.929	-0.048	39.939	-0.052	42.180	-0.004	42.192	-0.004	42.203	-0.004	42.214	-0.007
39.948	-0.055	39.958	-0.050	39.967	-0.041	39.975	-0.027	42.224	-0.007	42.233	-0.007	42.243	0.012	42.252	0.004
39.983	-0.013	39.993	-0.009	40.006	-0.003	40.018	-0.002	42.260	-0.000	42.271	0.005	42.282	0.014	42.291	0.010
40.032	0.002	40.044	0.003	40.055	-0.001	40.065	-0.001	42.302	0.006	42.314	0.011	42.323	0.024	42.336	0.024
40.075	0.004	40.083	-0.004	40.094	-0.009	40.103	-0.004	42.349	0.038	42.363	0.052	42.373	0.052	42.384	0.043
40.111	0.005	40.121	0.014	40.129	0.014	40.136	0.010	42.392	0.035	42.405	0.030	42.416	0.022	42.429	0.018
40.147	0.006	40.160	0.006	40.172	0.010	40.181	0.015	42.440	0.022	42.445	0.036	42.455	0.054	42.462	0.067
40.190	0.024	40.199	0.042	40.206	0.046	40.215	0.042	42.471	0.067	42.482	0.043	42.495	0.059	42.507	0.055

42.518	0.052	42.534	0.048	42.542	0.044	42.551	0.036	44.883	0.017	44.891	0.008	44.899	0.004	44.909	0.005
42.566	0.032	42.578	0.037	42.590	0.047	42.599	0.047	44.925	0.006	44.935	0.012	44.941	0.017	44.950	0.026
42.615	0.053	42.622	0.049	42.631	0.040	42.646	0.038	44.957	0.032	44.962	0.028	44.968	0.015	44.976	0.003
42.649	0.028	42.659	0.037	42.674	0.047	42.688	0.039	44.980	0.002	44.992	0.009				
42.703	0.031	42.720	0.027	42.731	0.032	42.747	0.037								
42.755	0.046	42.768	0.055	42.776	0.056	42.780	0.047								
42.796	0.030	42.807	0.026	42.811	0.026	42.821	0.035								
42.832	0.044	42.844	0.040	42.852	0.032	42.861	0.023								
42.873	0.023	42.887	0.024	42.858	0.028	42.907	0.024								
42.923	0.016	42.934	0.008	42.945	0.003	42.952	0.013								
42.963	0.031	42.974	0.053	42.985	0.037	42.995	0.024								
43.009	0.011	43.020	0.003	43.032	-0.000	43.040	-0.004								
43.048	-0.008	43.059	-0.021	43.067	-0.033	43.076	-0.033								
43.089	-0.023	43.103	-0.005	43.113	0.009	43.123	0.009								
43.133	0.005	43.145	-0.008	43.156	-0.012	43.164	-0.025								
43.177	-0.029	43.190	-0.029	43.202	-0.028	43.219	-0.032								
43.231	-0.028	43.241	-0.023	43.253	-0.014	43.268	-0.014								
43.275	-0.014	43.284	-0.005	43.293	-0.005	43.303	-0.023								
43.319	-0.027	43.332	-0.031	43.346	-0.039	43.353	-0.039								
43.366	-0.026	43.373	-0.012	43.384	-0.003	43.396	-0.007								
43.402	-0.016	43.416	-0.025	43.423	-0.024	43.429	-0.020								
43.436	-0.015	43.447	-0.011	43.459	-0.019	43.469	-0.028								
43.477	-0.032	43.483	-0.027	43.491	-0.027	43.500	-0.018								
43.513	-0.013	43.520	-0.004	43.530	-0.008	43.539	-0.016								
43.550	-0.025	43.558	-0.020	43.569	-0.015	43.578	-0.019								
43.587	-0.028	43.600	-0.031	43.622	-0.034	43.630	-0.034								
43.644	-0.033	43.651	-0.037	43.659	-0.028	43.672	-0.014								
43.680	-0.001	43.690	-0.000	43.658	-0.004	43.707	-0.008								
43.717	-0.017	43.723	-0.021	43.729	-0.025	43.740	-0.016								
43.751	-0.016	43.762	-0.024	43.775	-0.033	43.790	-0.028								
43.799	-0.028	43.807	-0.028	43.816	-0.023	43.825	-0.010								
43.834	0.007	43.843	0.016	43.852	0.016	43.864	0.007								
43.881	0.003	43.894	-0.001	43.906	-0.001	43.913	0.003								
43.918	0.003	43.927	-0.010	43.937	-0.023	43.946	-0.028								
43.956	-0.023	43.968	-0.010	43.978	-0.001	43.986	0.008								
43.997	0.008	44.005	0.008	44.015	0.008	44.026	0.008								
44.035	0.004	44.047	0.004	44.057	0.008	44.067	0.004								
44.074	-0.001	44.080	-0.005	44.088	-0.005	44.098	-0.000								
44.108	0.004	44.122	0.004	44.137	0.005	44.146	-0.004								
44.162	-0.003	44.181	0.006	44.187	0.006	44.203	0.006								
44.215	0.007	44.229	0.003	44.234	0.003	44.249	0.012								
44.255	0.012	44.265	0.003	44.280	-0.009	44.288	-0.005								
44.301	-0.000	44.308	0.000	44.320	-0.008	44.328	-0.017								
44.338	-0.008	44.349	0.001	44.362	0.010	44.378	0.028								
44.392	0.033	44.401	0.037	44.414	0.029	44.425	0.016								
44.436	-0.002	44.447	-0.006	44.464	-0.010	44.471	-0.014								
44.483	-0.014	44.494	-0.009	44.510	-0.000	44.520	0.009								
44.531	0.018	44.538	0.023	44.550	0.014	44.564	0.010								
44.572	0.006	44.583	0.007	44.593	-0.002	44.604	-0.010								
44.617	-0.014	44.623	-0.014	44.633	-0.009	44.647	0.001								
44.659	0.006	44.671	0.015	44.681	0.016	44.695	0.017								
44.705	0.017	44.715	0.022	44.721	0.032	44.728	0.023								
44.744	0.010	44.750	0.015	44.756	0.015	44.764	0.011								
44.772	0.011	44.783	0.008	44.792	0.008	44.801	-0.001								
44.809	-0.000	44.820	0.014	44.829	0.023	44.838	0.036								
44.845	0.024	44.856	0.020	44.866	0.020	44.876	0.021								

71. 196 2/9/71 0600PST LA 1900 AVENUE OF THE STARS BSMT. N44E

3035 POINTS 41.230 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN. WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1518 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.000	0.007	-0.041	0.016	-0.054	0.028	-0.089	1.776	-0.004	1.791	0.015	1.806	-0.014	1.818	0.000	1.834	-0.028
0.036	-0.116	0.042	-0.123	0.052	-0.096	0.062	-0.022	1.827	-0.000	1.834	-0.028	1.845	-0.042	1.856	-0.057	1.867	-0.057
0.075	0.018	0.087	0.045	0.102	0.037	0.113	0.009	1.867	0.057	1.879	0.058	1.888	-0.025	1.898	0.002	1.909	0.015
0.127	-0.019	0.136	-0.034	0.146	-0.021	0.158	0.025	1.909	0.015	1.922	0.020	1.935	0.013	1.944	0.005	1.957	-0.002
0.172	0.078	0.183	0.077	0.191	0.029	0.201	0.001	1.957	-0.002	1.969	0.010	1.978	0.050	1.987	0.077	2.000	0.075
0.214	-0.040	0.224	-0.075	0.232	-0.076	0.240	-0.076	2.026	0.110	2.036	-0.011	2.047	-0.096	2.054	-0.016	2.067	-0.017
0.249	-0.084	0.273	-0.045	0.280	-0.026	0.290	-0.020	2.026	0.034	2.036	-0.001	2.045	-0.015	2.054	-0.016	2.067	-0.017
0.300	-0.014	0.309	-0.021	0.322	-0.023	0.330	-0.023	2.063	-0.016	2.070	-0.024	2.081	-0.004	2.088	0.070	2.099	0.041
0.335	0.003	0.344	0.015	0.351	0.015	0.367	0.007	2.097	0.083	2.107	0.069	2.116	0.041	2.126	-0.021	2.137	-0.008
0.374	0.012	0.395	0.023	0.406	0.035	0.417	0.021	2.137	-0.008	2.148	-0.029	2.154	-0.056	2.165	-0.084	2.173	-0.051
0.432	-0.001	0.440	-0.050	0.449	-0.071	0.463	-0.059	2.173	-0.051	2.184	-0.004	2.195	0.035	2.209	0.041	2.223	-0.028
0.472	-0.046	0.485	0.020	0.504	0.106	0.511	0.145	2.218	0.020	2.225	-0.007	2.238	-0.028	2.250	-0.050	2.263	-0.045
0.520	0.117	0.531	0.069	0.540	0.027	0.563	0.018	2.263	-0.044	2.276	-0.045	2.288	-0.052	2.297	-0.046	2.311	-0.020
0.572	0.003	0.589	-0.013	0.600	-0.041	0.617	-0.057	2.306	-0.020	2.317	0.007	2.328	0.020	2.336	-0.001	2.349	-0.001
0.626	-0.085	0.641	-0.127	0.653	-0.149	0.660	-0.116	2.344	-0.043	2.353	-0.063	2.364	-0.105	2.374	-0.072	2.387	-0.034
0.670	-0.056	0.676	0.004	0.691	0.090	0.698	0.062	2.379	-0.018	2.392	0.008	2.402	0.008	2.413	-0.034	2.426	-0.012
0.709	0.047	0.716	0.012	0.728	0.031	0.734	0.071	2.421	-0.068	2.432	-0.096	2.444	-0.110	2.461	-0.088	2.474	-0.021
0.744	0.090	0.756	0.062	0.768	0.020	0.781	-0.023	2.472	-0.112	2.480	-0.086	2.488	-0.052	2.497	0.021	2.509	0.121
0.799	-0.018	0.805	-0.053	0.814	-0.094	0.821	-0.061	2.503	0.068	2.508	0.109	2.519	0.135	2.526	0.121	2.538	0.051
0.835	-0.050	0.841	-0.044	0.852	-0.072	0.861	-0.100	2.535	0.080	2.546	0.052	2.556	0.031	2.564	0.027	2.576	0.042
0.872	-0.101	0.884	-0.089	0.893	-0.070	0.904	-0.043	2.579	0.050	2.587	0.056	2.595	0.042	2.604	0.027	2.616	-0.037
0.913	-0.004	0.924	-0.029	0.947	0.047	0.956	0.047	2.615	-0.000	2.625	-0.008	2.638	-0.015	2.651	-0.037	2.663	-0.061
0.969	0.025	0.985	0.030	0.994	0.063	1.004	0.076	2.671	0.025	2.679	0.016	2.687	0.083	2.693	0.116	2.703	0.121
1.019	0.081	1.030	0.060	1.041	0.025	1.052	0.031	2.703	0.136	2.715	0.121	2.726	0.087	2.739	0.052	2.752	0.022
1.067	0.030	1.085	0.021	1.096	0.027	1.108	0.051	2.749	0.031	2.760	-0.004	2.770	-0.011	2.782	-0.006	2.793	-0.055
1.116	0.059	1.126	0.011	1.137	-0.037	1.148	-0.092	2.799	-0.021	2.813	-0.028	2.827	-0.043	2.843	-0.058	2.857	-0.083
1.157	-0.072	1.165	-0.012	1.177	0.015	1.188	-0.013	2.856	-0.066	2.869	-0.087	2.880	-0.095	2.892	-0.055	2.903	-0.023
1.198	-0.041	1.215	-0.042	1.239	-0.023	1.248	-0.051	2.901	-0.022	2.912	-0.002	2.926	0.037	2.936	0.023	2.947	0.061
1.258	-0.079	1.263	-0.100	1.272	-0.053	1.281	-0.001	2.944	-0.012	2.950	-0.046	2.963	-0.088	2.973	-0.061	2.984	-0.011
1.290	0.061	1.299	0.101	1.308	0.100	1.320	0.059	2.982	-0.028	2.997	-0.016	3.007	-0.003	3.022	-0.011	3.037	-0.028
1.328	0.038	1.337	-0.051	1.351	-0.073	1.361	-0.080	3.033	-0.046	3.037	-0.066	3.050	-0.047	3.062	-0.028	3.074	-0.046
1.376	-0.061	1.389	-0.022	1.404	0.011	1.416	0.050	3.072	-0.008	3.086	-0.023	3.101	-0.058	3.117	-0.046	3.132	-0.011
1.426	0.022	1.436	-0.026	1.451	-0.041	1.462	-0.028	3.128	-0.013	3.144	-0.002	3.159	0.012	3.172	0.041	3.187	0.040
1.475	0.005	1.488	0.037	1.504	0.036	1.517	0.028	3.181	0.037	3.197	0.056	3.205	0.055	3.221	0.049	3.235	0.049
1.533	0.034	1.550	0.032	1.574	0.017	1.582	0.023	3.229	0.053	3.245	0.079	3.258	0.078	3.275	0.049	3.291	0.017
1.590	0.036	1.597	0.069	1.603	0.082	1.610	0.068	3.288	0.007	3.301	-0.028	3.311	-0.042	3.325	0.013	3.340	0.013
1.616	0.041	1.631	0.026	1.643	0.011	1.656	-0.030	3.334	0.071	3.343	0.083	3.359	0.048	3.370	0.013	3.384	0.010
1.666	-0.064	1.677	-0.085	1.688	-0.066	1.703	-0.040	3.379	0.006	3.392	0.053	3.399	0.031	3.409	0.010	3.423	-0.034
1.712	-0.034	1.722	-0.021	1.730	-0.035	1.737	-0.049	3.418	0.002	3.427	-0.053	3.437	-0.046	3.447	-0.037	3.459	-0.037
1.743	-0.076	1.749	-0.097	1.758	-0.091	1.766	-0.051	3.449	-0.007	3.460	-0.008	3.467	-0.009	3.474	-0.037	3.487	-0.037

3.482	-0.064	3.491	-0.072	3.505	-0.094	3.516	-0.088	5.719	-0.211	5.737	-0.509	5.743	-0.604	5.745	-0.632
3.527	-0.089	3.537	-0.049	3.543	-0.016	3.552	0.024	5.749	-0.632	5.757	-0.598	5.764	-0.429	5.774	-0.166
3.562	-0.037	3.571	0.029	3.587	-0.006	3.602	-0.021	5.781	0.389	5.786	0.497	5.793	0.537	5.801	0.483
3.608	-0.035	3.620	-0.022	3.629	0.004	3.635	0.004	5.805	0.395	5.808	0.246	5.824	-0.351	5.828	-0.453
3.641	-0.004	3.650	-0.011	3.658	-0.025	3.664	-0.019	5.834	-0.548	5.838	-0.629	5.841	-0.684	5.848	-0.697
3.672	-0.021	3.678	0.034	3.686	0.033	3.692	0.019	5.852	-0.677	5.860	-0.529	5.865	-0.380	5.875	0.046
3.701	-0.022	3.711	-0.050	3.723	-0.031	3.740	-0.018	5.879	0.317	5.885	0.533	5.891	0.668	5.895	0.763
3.748	0.001	3.757	0.028	3.769	0.054	3.779	0.080	5.902	0.776	5.909	0.749	5.915	0.660	5.920	0.599
3.793	0.086	3.805	0.078	3.815	0.050	3.822	0.022	5.921	0.497	5.925	0.348	5.929	0.233	5.934	0.111
3.827	-0.005	3.833	-0.019	3.839	-0.006	3.848	0.027	5.935	0.111	5.945	-0.133	5.954	-0.235	5.967	-0.290
3.859	0.047	3.869	0.059	3.880	0.052	3.891	0.044	5.973	-0.263	5.983	-0.216	5.991	-0.109	6.006	-0.015
3.895	0.023	3.903	-0.011	3.909	-0.039	3.916	-0.073	6.018	0.018	6.030	0.035	6.037	0.139	6.043	0.166
3.930	-0.121	3.940	-0.122	3.954	-0.144	3.967	-0.138	6.058	0.111	6.068	0.043	6.077	-0.019	6.087	-0.114
3.985	-0.126	3.995	-0.100	4.007	-0.060	4.017	-0.034	6.097	-0.203	6.103	-0.291	6.108	-0.380	6.117	-0.448
4.024	-0.027	4.033	-0.042	4.044	-0.049	4.051	-0.043	6.124	-0.421	6.133	-0.313	6.139	-0.192	6.155	0.410
4.058	-0.050	4.071	-0.051	4.079	-0.045	4.087	-0.039	6.169	0.754	6.184	0.801	6.191	0.753	6.198	0.651
4.093	0.002	4.103	0.035	4.109	0.014	4.118	-0.021	6.225	0.114	6.237	0.032	6.250	0.113	6.275	0.396
4.127	-0.041	4.143	-0.083	4.154	-0.111	4.166	-0.098	6.283	0.449	6.288	0.456	6.296	0.421	6.302	0.360
4.187	-0.072	4.187	-0.019	4.196	0.021	4.206	0.028	6.313	0.136	6.322	0.007	6.333	-0.055	6.353	-0.022
4.216	0.034	4.224	0.074	4.234	0.114	4.240	0.127	6.357	-0.022	6.367	-0.043	6.376	-0.037	6.385	-0.099
4.246	0.099	4.253	0.058	4.264	0.030	4.273	0.043	6.389	-0.112	6.398	-0.093	6.404	-0.025	6.418	0.177
4.282	0.076	4.290	0.096	4.301	0.068	4.312	0.034	6.431	0.244	6.436	0.244	6.447	0.209	6.455	0.209
4.321	0.033	4.329	0.026	4.341	0.032	4.351	0.051	6.463	0.221	6.470	0.248	6.479	0.267	6.488	0.233
4.359	0.105	4.370	0.131	4.377	0.138	4.388	0.130	6.496	0.081	6.503	0.110	6.510	0.068	6.514	0.061
4.399	0.109	4.417	0.115	4.424	0.101	4.433	0.093	6.522	0.081	6.532	0.141	6.546	0.194	6.559	0.220
4.440	0.072	4.448	0.051	4.462	0.044	4.469	0.043	6.573	0.225	6.582	0.231	6.595	0.189	6.603	0.108
4.479	0.029	4.486	0.008	4.491	-0.033	4.500	-0.054	6.616	-0.022	6.624	-0.091	6.631	-0.112	6.652	-0.093
4.506	-0.081	4.514	-0.089	4.522	-0.089	4.528	-0.090	6.665	-0.101	6.675	-0.122	6.679	-0.157	6.685	-0.204
4.536	-0.090	4.543	-0.091	4.555	-0.098	4.559	-0.085	6.701	-0.484	6.709	-0.593	6.714	-0.640	6.723	-0.587
4.564	-0.045	4.571	-0.012	4.581	0.015	4.589	0.007	6.731	-0.479	6.740	-0.243	6.748	-0.115	6.759	-0.089
4.592	-0.020	4.600	-0.054	4.606	-0.068	4.617	-0.049	6.768	-0.070	6.778	0.051	6.791	0.301	6.805	0.448
4.628	-0.016	4.639	-0.064	4.645	-0.098	4.651	-0.173	6.826	0.528	6.839	0.716	6.850	0.810	6.861	0.836
4.657	-0.214	4.669	-0.256	4.680	-0.237	4.691	-0.230	6.870	0.795	6.889	0.699	6.889	0.495	6.903	0.344
4.702	-0.190	4.709	-0.137	4.718	-0.083	4.725	0.031	6.913	0.154	6.922	-0.037	6.931	-0.207	6.946	-0.358
4.732	0.112	4.741	0.233	4.755	0.280	4.768	0.272	6.953	-0.277	6.967	-0.116	6.977	-0.070	7.000	-0.343
4.793	0.256	4.801	0.229	4.811	0.181	4.819	0.119	7.007	-0.425	7.011	-0.446	7.030	-0.394	7.047	-0.362
4.833	0.050	4.842	-0.045	4.863	-0.175	4.886	-0.177	7.065	-0.330	7.077	-0.317	7.095	-0.333	7.110	-0.341
4.905	-0.199	4.938	-0.120	4.963	-0.013	4.983	0.073	7.124	-0.316	7.139	-0.222	7.155	-0.048	7.173	0.065
4.997	0.147	5.015	0.295	5.021	0.348	5.031	0.348	7.184	0.152	7.201	0.184	7.208	0.115	7.214	0.040
5.038	0.280	5.048	0.143	5.054	0.021	5.064	-0.088	7.218	-0.062	7.227	-0.144	7.234	-0.192	7.245	-0.105
5.075	-0.136	5.081	-0.102	5.095	-0.015	5.104	0.018	7.256	-0.005	7.270	0.061	7.324	0.029	7.365	0.058
5.120	-0.037	5.131	-0.092	5.150	-0.222	5.154	-0.256	7.298	0.070	7.389	0.029	7.398	-0.033	7.406	-0.102
5.162	-0.263	5.170	-0.223	5.179	-0.142	5.189	-0.075	7.427	-0.138	7.438	-0.004	7.452	0.191	7.480	0.317
5.201	-0.069	5.211	-0.104	5.229	-0.145	5.239	-0.132	7.488	0.275	7.505	0.185	7.522	0.089	7.537	0.040
5.250	-0.106	5.268	-0.094	5.282	-0.094	5.298	-0.109	7.548	-0.023	7.564	-0.106	7.591	-0.089	7.600	-0.151
5.308	-0.096	5.316	-0.083	5.323	-0.009	5.333	0.045	7.622	-0.364	7.640	-0.495	7.646	-0.415	7.658	-0.254
5.350	0.119	5.361	0.152	5.372	0.185	5.380	0.232	7.670	0.009	7.683	0.197	7.699	0.316	7.715	0.402
5.391	0.266	5.400	0.272	5.414	0.190	5.419	0.122	7.728	0.536	7.741	0.589	7.749	0.601	7.759	0.573
5.427	0.047	5.432	-0.061	5.436	-0.116	5.443	-0.238	7.765	0.545	7.774	0.462	7.783	0.393	7.786	0.312
5.450	-0.333	5.455	-0.381	5.464	-0.395	5.474	-0.388	7.791	0.230	7.795	0.141	7.802	0.066	7.806	0.011
5.487	-0.348	5.496	-0.274	5.515	-0.052	5.523	0.137	7.819	-0.038	7.824	-0.005	7.836	0.116	7.839	0.230
5.533	0.293	5.542	0.394	5.560	0.582	5.575	0.602	7.847	0.338	7.868	0.518	7.883	0.543	7.894	0.535
5.588	0.635	5.599	0.655	5.609	0.661	5.617	0.641	7.903	0.500	7.910	0.445	7.922	0.382	7.930	0.327
5.625	0.627	5.631	0.538	5.640	0.389	5.650	0.118	7.939	0.278	7.950	0.250	7.964	0.248	7.975	0.226
5.658	-0.167	5.663	-0.276	5.672	-0.357	5.679	-0.432	7.981	0.165	7.988	0.082	7.994	0.014	7.994	-0.040
5.688	-0.372	5.700	-0.244	5.705	-0.190	5.713	-0.156	8.001	-0.095	8.007	-0.150	8.015	-0.205	8.029	-0.228

8.042	-0.223	8.049	-0.176	8.054	-0.116	8.066	-0.050	10.883	0.233	10.929	0.350	10.951	0.503	10.958	0.543
8.076	0.004	8.101	-0.019	8.122	0.202	8.135	0.282	10.969	0.623	10.979	0.642	10.988	0.648	10.999	0.579
8.149	0.227	8.177	0.143	8.188	0.088	8.195	-0.001	11.023	0.373	11.032	0.209	11.048	0.064	11.062	-0.027
8.202	-0.110	8.206	-0.246	8.212	-0.388	8.224	-0.681	11.079	-0.042	11.089	-0.028	11.093	0.046	11.097	0.046
8.231	-0.763	8.237	-0.784	8.251	-0.710	8.270	-0.516	11.102	0.079	11.113	0.131	11.119	0.044	11.126	0.150
8.281	-0.429	8.289	-0.409	8.302	-0.444	8.312	-0.493	11.133	0.143	11.140	0.129	11.147	0.121	11.153	0.107
8.323	-0.521	8.337	-0.590	8.345	-0.638	8.355	-0.659	11.160	0.086	11.168	0.078	11.171	0.071	11.176	0.064
8.368	-0.633	8.378	-0.560	8.386	-0.419	8.397	-0.277	11.181	0.057	11.187	0.056	11.190	0.063	11.197	0.116
8.404	-0.217	8.411	-0.157	8.420	-0.131	8.431	-0.084	11.204	0.149	11.209	0.216	11.215	0.263	11.220	0.296
8.441	0.016	8.447	0.138	8.463	0.326	8.473	0.352	11.227	0.323	11.235	0.322	11.244	0.314	11.248	0.321
8.489	0.331	8.497	0.236	8.505	0.106	8.513	-0.009	11.256	0.340	11.262	0.380	11.268	0.407	11.275	0.432
8.516	-0.125	8.522	-0.308	8.530	-0.383	8.539	-0.465	11.283	0.432	11.292	0.404	11.301	0.397	11.303	0.403
8.542	-0.465	8.555	-0.385	8.575	-0.014	8.582	0.074	11.317	0.435	11.324	0.455	11.333	0.467	11.347	0.466
8.588	0.100	8.597	0.059	8.607	0.004	8.622	-0.098	11.358	0.492	11.367	0.525	11.376	0.571	11.384	0.597
8.647	-0.337	8.660	-0.467	8.679	-0.536	8.696	-0.435	11.392	0.523	11.398	0.636	11.407	0.608	11.415	0.553
8.732	-0.120	8.754	-0.196	8.783	-0.313	8.796	-0.246	11.423	0.457	11.430	0.341	11.437	0.198	11.441	0.150
8.810	-0.125	8.843	0.238	8.862	0.237	8.878	0.195	11.448	0.109	11.458	0.081	11.470	0.045	11.481	-0.017
8.889	0.106	8.907	-0.146	8.922	-0.275	8.954	-0.305	11.492	-0.079	11.504	-0.182	11.516	-0.265	11.526	-0.340
8.970	-0.258	8.987	-0.158	9.007	-0.125	9.020	-0.093	11.535	-0.375	11.547	-0.390	11.552	-0.391	11.560	-0.324
9.029	0.035	9.044	0.190	9.067	0.290	9.079	0.255	11.569	-0.244	11.576	-0.217	11.583	-0.184	11.595	-0.179
9.095	0.187	9.114	0.205	9.125	0.130	9.143	-0.399	11.608	-0.126	11.620	-0.080	11.630	0.007	11.643	0.127
9.157	-0.563	9.164	-0.536	9.172	-0.415	9.193	-0.139	11.654	0.221	11.661	0.241	11.677	0.252	11.686	0.258
9.206	-0.011	9.217	0.117	9.230	0.176	9.236	0.156	11.696	0.298	11.710	0.323	11.726	0.342	11.741	0.347
9.242	0.101	9.247	0.019	9.259	-0.151	9.264	-0.219	11.751	0.258	11.758	0.162	11.768	0.053	11.776	-0.036
9.270	-0.254	9.281	-0.282	9.289	-0.269	9.294	-0.249	11.783	0.064	11.791	-0.045	11.803	0.056	11.811	0.122
9.303	-0.182	9.313	-0.143	9.322	-0.164	9.329	-0.205	11.819	0.169	11.829	0.202	11.834	0.201	11.843	0.173
9.339	-0.260	9.347	-0.274	9.358	-0.262	9.372	-0.256	11.854	0.077	11.861	-0.005	11.870	-0.074	11.880	-0.156
9.378	-0.243	9.388	-0.231	9.397	-0.177	9.410	-0.145	11.890	-0.184	11.899	-0.158	11.906	-0.084	11.912	-0.017
9.419	-0.098	9.435	-0.039	9.446	0.062	9.453	0.136	11.918	0.009	11.923	0.022	11.933	0.007	11.944	-0.034
9.462	0.169	9.468	0.141	9.476	0.079	9.482	0.018	11.954	-0.015	11.968	0.004	11.981	-0.018	11.996	-0.087
9.489	-0.030	9.506	-0.093	9.523	-0.136	9.532	-0.191	12.005	-0.102	12.018	-0.049	12.032	0.017	12.040	0.057
9.554	-0.220	9.568	-0.208	9.583	-0.142	9.605	-0.029	12.053	0.069	12.068	0.088	12.077	0.141	12.087	0.187
9.620	-0.004	9.630	0.090	9.642	0.197	9.651	0.264	12.097	0.220	12.110	0.192	12.119	0.136	12.131	0.115
9.662	0.317	9.673	0.289	9.682	0.206	9.690	0.111	12.148	0.154	12.160	0.180	12.169	0.152	12.180	0.093
9.709	0.048	9.719	-0.014	9.743	-0.057	9.754	0.009	12.189	0.028	12.198	0.000	12.215	-0.089	12.226	-0.138
9.771	0.170	9.779	0.217	9.795	0.201	9.806	0.180	12.241	-0.166	12.253	-0.120	12.262	-0.060	12.278	0.047
9.822	0.199	9.835	0.225	9.848	0.183	9.853	0.094	12.286	0.067	12.300	0.092	12.310	0.071	12.321	0.029
9.862	-0.022	9.869	-0.084	9.879	-0.173	9.892	-0.221	12.334	-0.053	12.344	-0.081	12.366	-0.076	12.380	-0.071
9.900	-0.297	9.915	-0.494	9.919	-0.549	9.925	-0.624	12.400	-0.094	12.417	-0.142	12.429	-0.219	12.441	-0.213
9.931	-0.706	9.940	-0.754	9.948	-0.775	9.961	-0.742	12.455	-0.167	12.470	-0.142	12.476	-0.129	12.489	-0.164
9.972	-0.676	9.984	-0.616	9.999	-0.542	10.007	-0.435	12.501	-0.220	12.513	-0.262	12.526	-0.270	12.538	-0.251
10.017	-0.300	10.025	-0.220	10.042	-0.221	10.056	-0.198	12.549	-0.185	12.560	-0.105	12.571	-0.059	12.579	-0.053
10.069	-0.155	10.078	-0.170	10.091	-0.184	10.105	-0.152	12.593	-0.096	12.605	-0.152	12.616	-0.214	12.629	-0.230
10.133	-0.052	10.147	-0.060	10.167	-0.109	10.193	-0.159	12.641	-0.211	12.655	-0.145	12.668	-0.100	12.680	-0.047
10.204	-0.085	10.229	-0.096	10.239	0.183	10.257	0.236	12.688	-0.007	12.694	0.005	12.707	0.004	12.718	-0.025
10.266	0.336	10.277	0.396	10.288	0.436	10.297	0.435	12.737	-0.061	12.752	-0.063	12.768	-0.031	12.784	0.001
10.304	0.387	10.313	0.332	10.322	0.229	10.328	0.114	12.795	-0.001	12.817	-0.031	12.829	-0.059	12.843	-0.047
10.334	-0.022	10.338	-0.124	10.347	-0.206	10.359	-0.221	12.853	-0.015	12.864	0.025	12.873	0.044	12.880	0.044
10.369	-0.022	10.382	-0.250	10.396	-0.251	10.409	-0.226	12.893	0.029	12.909	0.001	12.928	0.013	12.934	0.013
10.420	-0.193	10.437	-0.208	10.445	-0.222	10.454	-0.196	12.943	-0.015	12.955	-0.131	12.962	-0.179	12.969	-0.207
10.468	-0.136	10.475	-0.042	10.483	0.113	10.493	0.213	12.978	-0.228	12.989	-0.167	13.000	-0.073	13.013	0.027
10.509	0.354	10.522	0.407	10.540	0.487	10.563	0.552	13.026	0.067	13.047	0.063	13.061	0.092	13.075	0.064
10.576	0.517	10.587	0.455	10.611	0.494	10.620	0.459	13.083	0.057	13.101	0.036	13.111	0.001	13.121	-0.047
10.628	0.383	10.636	0.315	10.652	0.103	10.678	-0.090	13.130	-0.108	13.137	-0.170	13.144	-0.211	13.150	-0.231
10.690	-0.139	10.729	0.012	10.748	-0.098	10.770	0.069	13.157	-0.225	13.164	-0.191	13.173	-0.165	13.179	-0.125
10.807	0.295	10.821	0.246	10.835	0.225	10.869	0.202	13.185	-0.112	13.197	-0.167	13.209	-0.222	13.214	-0.270

13.220	-0.291	13.227	-0.319	13.256	-0.322	13.274	-0.323	16.119	0.278	16.132	0.283	16.144	0.261	16.158	0.206
13.290	-0.345	13.307	-0.327	13.317	-0.294	13.323	-0.281	16.172	0.157	16.183	0.142	16.198	0.181	16.215	0.213
13.336	-0.303	13.349	-0.372	13.358	-0.400	13.371	-0.382	16.233	0.252	16.248	0.271	16.261	0.276	16.277	0.221
13.386	-0.302	13.404	-0.162	13.420	-0.049	13.431	-0.038	16.289	0.159	16.300	0.090	16.314	0.075	16.327	0.087
13.446	0.118	13.457	0.143	13.465	0.143	13.484	0.107	16.347	0.112	16.360	0.125	16.369	0.137	16.377	0.150
13.517	0.103	13.523	0.103	13.542	0.006	13.554	0.070	16.385	0.163	16.396	0.182	16.403	0.155	16.415	0.133
13.565	-0.133	13.578	-0.133	13.592	-0.114	13.609	-0.062	16.428	0.105	16.443	0.070	16.457	0.049	16.471	0.041
13.615	-0.069	13.629	-0.125	13.644	-0.235	13.653	-0.310	16.481	0.040	16.493	0.039	16.502	0.038	16.512	0.044
13.665	-0.331	13.674	-0.325	13.687	-0.299	13.696	-0.293	16.524	0.056	16.540	0.042	16.551	0.007	16.559	-0.014
13.705	-0.294	13.719	-0.329	13.734	-0.378	13.745	-0.378	16.573	-0.022	16.586	-0.030	16.595	-0.031	16.607	0.032
13.757	-0.373	13.764	-0.346	13.773	-0.266	13.784	-0.212	16.620	-0.020	16.632	-0.001	16.648	0.005	16.660	0.010
13.795	-0.186	13.811	-0.154	13.823	-0.060	13.833	-0.048	16.671	0.050	16.679	0.103	16.688	0.136	16.697	0.176
13.844	0.094	13.853	0.127	13.867	0.133	13.887	0.131	16.704	0.189	16.714	0.181	16.722	0.180	16.739	0.138
13.902	0.026	13.918	0.060	13.941	0.018	13.965	-0.012	16.749	0.103	16.761	0.082	16.778	0.087	16.790	0.099
13.983	-0.027	14.000	-0.002	14.013	0.065	14.024	0.165	16.803	0.213	16.817	0.150	16.833	0.162	16.847	0.188
14.031	0.205	14.040	0.204	14.059	0.154	14.074	0.105	16.861	0.215	16.878	0.191	16.898	0.149	16.914	0.106
14.088	0.076	14.098	0.041	14.112	-0.001	14.130	-0.057	16.932	0.070	16.946	0.035	16.958	-0.014	16.969	-0.022
14.145	-0.066	14.162	-0.075	14.179	-0.084	14.194	-0.065	16.984	-0.016	17.002	0.022	17.008	0.062	17.015	-0.061
14.206	0.008	14.219	0.088	14.230	0.141	14.240	0.140	17.027	0.046	17.038	0.011	17.052	-0.051	17.065	-0.093
14.253	0.138	14.268	0.062	14.285	-0.000	14.309	-0.003	17.075	-0.108	17.087	-0.095	17.103	-0.050	17.117	-0.011
14.327	-0.012	14.339	-0.060	14.356	-0.170	14.364	-0.225	17.133	0.021	17.144	0.054	17.157	0.059	17.165	0.052
14.374	-0.254	14.386	-0.255	14.403	-0.182	14.417	-0.101	17.182	0.003	17.197	-0.053	17.209	-0.081	17.224	-0.089
14.428	-0.096	14.444	-0.131	14.452	-0.158	14.461	-0.206	17.233	-0.096	17.249	-0.111	17.263	-0.166	17.274	-0.194
14.469	-0.254	14.478	-0.269	14.485	-0.283	14.498	-0.284	17.290	-0.209	17.301	-0.203	17.312	-0.149	17.329	-0.110
14.507	-0.271	14.514	-0.258	14.526	-0.266	14.539	-0.273	17.342	-0.077	17.352	-0.071	17.360	-0.072	17.373	-0.093
14.551	-0.274	14.561	-0.241	14.576	-0.182	14.588	-0.135	17.387	-0.107	17.404	-0.108	17.425	-0.136	17.440	-0.164
14.595	-0.136	14.606	-0.123	14.628	-0.132	14.636	-0.133	17.457	-0.194	17.471	-0.199	17.483	-0.206	17.490	-0.200
14.649	-0.127	14.660	-0.101	14.673	-0.069	14.685	-0.016	17.498	-0.194	17.508	-0.181	17.518	-0.142	17.529	-0.095
14.696	0.037	14.702	0.064	14.711	0.069	14.724	0.034	17.537	-0.089	17.548	-0.097	17.559	-0.118	17.573	-0.146
14.732	-0.007	14.741	-0.069	14.749	-0.077	14.758	-0.078	17.580	-0.154	17.594	-0.135	17.607	-0.115	17.613	-0.142
14.771	-0.052	14.781	-0.019	14.792	0.047	14.801	-0.094	17.634	-0.125	17.643	-0.126	17.653	-0.141	17.666	-0.149
14.811	0.133	14.824	0.152	14.836	0.144	14.843	0.123	17.676	-0.171	17.686	-0.185	17.700	-0.187	17.713	-0.162
14.854	0.109	14.867	0.087	14.884	0.051	14.899	-0.064	17.723	-0.156	17.733	-0.157	17.745	-0.179	17.762	-0.208
14.906	-0.012	14.925	-0.021	14.932	-0.035	14.950	-0.064	17.771	-0.223	17.789	-0.225	17.800	-0.226	17.814	-0.221
14.962	-0.099	14.971	-0.120	14.979	-0.121	14.991	-0.115	17.830	-0.196	17.845	-0.191	17.854	-0.193	17.875	-0.100
15.002	-0.062	15.011	-0.016	15.023	0.031	15.033	0.084	17.885	-0.047	17.896	-0.019	17.907	-0.045	17.918	0.037
15.045	0.123	15.057	0.163	15.068	0.189	15.074	0.209	17.930	0.001	17.937	-0.027	17.953	-0.049	17.962	-0.036
15.084	0.221	15.098	0.199	15.109	0.137	15.118	0.089	18.016	0.005	18.029	-0.017	18.045	-0.046	18.054	-0.060
15.125	0.047	15.134	0.019	15.143	0.018	15.154	0.044	18.067	-0.035	18.079	-0.016	18.094	-0.011	18.109	0.001
15.165	0.057	15.176	0.069	15.198	0.060	15.219	0.051	18.123	0.027	18.133	0.039	18.141	0.045	18.152	0.017
15.228	0.024	15.242	-0.020	15.250	-0.034	15.264	-0.022	18.161	-0.011	18.175	-0.033	18.188	-0.014	18.201	0.046
15.273	0.024	15.282	0.070	15.289	0.096	15.298	0.109	18.213	0.085	18.229	-0.010	18.243	-0.093	18.316	-0.134
15.309	0.114	15.322	0.058	15.336	0.023	15.351	-0.006	18.330	-0.170	18.343	-0.150	18.364	-0.085	18.373	-0.058
15.365	0.006	15.384	0.057	15.400	0.116	15.415	0.128	18.386	-0.019	18.405	0.040	18.418	0.087	18.430	0.092
15.427	0.161	15.439	0.173	15.453	0.157	15.467	0.122	18.444	0.084	18.462	0.029	18.472	-0.020	18.488	-0.035
15.484	0.140	15.500	0.179	15.512	0.198	15.527	0.169	18.506	-0.043	18.525	-0.004	18.541	0.015	18.553	0.048
15.546	0.065	15.560	0.036	15.567	-0.005	15.581	0.014	18.564	0.074	18.579	0.065	18.604	0.057	18.618	0.062
15.600	0.038	15.621	0.056	15.633	0.041	15.644	0.006	18.639	0.101	18.653	0.093	18.678	0.064	18.700	0.035
15.667	-0.037	15.682	-0.114	15.699	-0.177	15.711	-0.198	18.722	0.012	18.743	0.004	18.761	0.029	18.770	0.035
15.724	-0.186	15.734	-0.161	15.744	-0.128	15.754	-0.109	18.787	0.061	18.804	0.066	18.824	0.119	18.846	0.137
15.767	-0.117	15.782	-0.139	15.800	-0.168	15.816	-0.150	18.862	0.170	18.882	0.209	18.904	0.248	18.921	0.267
15.842	-0.112	15.856	-0.053	15.870	0.006	15.879	0.052	18.936	0.266	18.951	0.231	18.967	0.183	18.979	0.148
15.887	0.072	15.897	0.050	15.913	0.022	15.929	0.007	19.002	0.126	19.024	0.111	19.047	0.102	19.064	0.094
15.948	0.025	15.959	0.071	15.972	0.144	15.986	0.197	19.082	0.093	19.105	0.071	19.130	0.041	19.156	0.046
15.998	0.202	16.016	0.167	16.032	0.131	16.040	0.117								
16.059	0.162	16.073	0.201	16.086	0.227	16.102	0.252								

19.179	0.051	19.195	0.036	19.211	0.014	19.231	0.026	22.725	-0.127	22.737	-0.101	22.749	-0.069	22.762	-0.043
19.244	0.052	19.265	0.057	19.280	0.036	19.297	0.021	22.786	-0.038	22.804	-0.012	22.823	-0.001	22.835	-0.022
19.313	-0.055	19.327	-0.110	19.341	-0.131	19.361	-0.119	22.848	-0.064	22.861	-0.099	22.872	-0.100	22.887	-0.061
19.374	-0.093	19.389	-0.081	19.406	-0.048	19.429	0.004	22.900	-0.014	22.912	0.012	22.920	0.024	22.933	-0.004
19.438	0.030	19.454	0.015	19.467	-0.026	19.482	-0.055	22.946	-0.032	22.965	-0.048	22.982	-0.002	23.000	-0.003
19.501	-0.056	19.513	-0.051	19.529	-0.066	19.545	-0.114	23.018	-0.032	23.034	-0.075	23.047	-0.096	23.056	-0.124
19.563	-0.163	19.583	-0.199	19.601	-0.221	19.619	-0.229	23.075	-0.146	23.092	-0.175	23.110	-0.170	23.121	-0.164
19.639	-0.224	19.657	-0.253	19.673	-0.254	19.692	-0.215	23.134	-0.138	23.150	-0.099	23.173	-0.108	23.197	-0.124
19.706	-0.189	19.723	-0.130	19.738	-0.050	19.751	-0.010	23.219	-0.140	23.243	-0.149	23.260	-0.158	23.286	-0.167
19.761	-0.011	19.776	-0.019	19.794	-0.054	19.806	-0.056	23.304	-0.149	23.325	-0.124	23.346	-0.085	23.368	-0.047
19.819	-0.002	19.830	0.031	19.839	-0.043	19.847	0.043	23.387	-0.022	23.406	-0.010	23.422	0.015	23.438	0.014
19.859	0.035	19.875	-0.020	19.885	-0.075	19.897	0.083	23.460	-0.009	23.474	-0.058	23.494	-0.100	23.514	-0.102
19.909	-0.057	19.923	-0.024	19.934	0.015	19.947	0.028	23.534	-0.070	23.555	-0.038	23.570	-0.026	23.593	-0.069
19.962	-0.014	19.972	-0.049	19.984	-0.070	20.004	-0.072	23.608	-0.071	23.633	-0.046	23.647	-0.041	23.671	-0.043
20.017	-0.067	20.033	-0.115	20.050	-0.178	20.064	-0.206	23.689	-0.025	23.707	0.028	23.721	0.053	23.741	0.085
20.083	-0.228	20.096	-0.230	20.113	-0.184	20.125	-0.158	23.762	0.090	23.786	0.054	23.802	0.032	23.825	0.063
20.141	-0.152	20.159	-0.161	20.177	-0.189	20.190	-0.224	23.844	0.101	23.866	0.085	23.883	-0.084	23.905	0.108
20.210	-0.219	20.226	-0.207	20.245	-0.202	20.266	-0.190	23.934	0.051	23.950	0.029	23.966	-0.000	23.978	-0.008
20.288	-0.165	20.302	-0.152	20.327	-0.140	20.354	-0.135	23.996	0.003	24.009	0.035	24.023	0.047	24.040	0.052
20.370	-0.075	20.387	0.011	20.396	0.038	20.412	0.037	24.065	0.042	24.095	0.025	24.109	-0.017	24.132	0.000
20.431	0.036	20.459	0.040	20.473	0.086	20.487	0.126	24.148	-0.009	24.170	-0.025	24.190	-0.041	24.209	-0.056
20.504	0.131	20.520	0.123	20.538	0.115	20.556	0.120	24.224	-0.051	24.242	-0.026	24.260	-0.008	24.268	0.004
20.572	0.132	20.597	0.110	20.617	0.081	20.635	0.053	24.284	-0.025	24.300	-0.040	24.320	-0.009	24.334	0.030
20.650	0.078	20.663	0.125	20.679	0.205	20.692	0.258	24.343	0.036	24.362	0.041	24.375	0.032	24.384	0.038
20.703	0.264	20.717	0.222	20.727	0.153	20.737	0.092	24.401	0.036	24.416	0.035	24.439	0.032	24.455	-0.004
20.748	0.077	20.761	0.110	20.776	0.136	20.785	0.156	24.469	-0.019	24.490	-0.035	24.509	-0.044	24.527	-0.046
20.805	0.127	20.829	0.064	20.852	0.022	20.871	-0.020	24.537	-0.054	24.565	-0.055	24.584	-0.057	24.592	-0.038
20.911	-0.017	20.938	-0.012	20.958	-0.007	20.971	0.012	24.583	-0.019	24.597	-0.001	24.608	0.017	24.608	0.017
20.994	-0.011	21.019	-0.020	21.041	0.005	21.055	0.004	24.615	0.023	24.621	0.036	24.630	0.034	24.642	0.012
21.078	-0.018	21.094	-0.006	21.112	0.040	21.126	0.053	24.657	0.009	24.669	-0.020	24.684	-0.049	24.692	-0.057
21.144	0.018	21.160	-0.024	21.180	-0.026	21.200	0.000	24.701	-0.051	24.711	-0.019	24.725	0.014	24.735	0.033
21.213	0.019	21.229	0.045	21.243	0.092	21.260	0.104	24.752	0.045	24.765	0.017	24.776	0.029	24.783	0.049
21.276	0.117	21.287	0.123	21.309	0.108	21.328	0.079	24.793	0.061	24.804	0.046	24.816	0.025	24.826	-0.003
21.348	0.058	21.369	0.036	21.383	0.008	21.403	0.020	24.831	-0.010	24.839	-0.011	24.851	0.001	24.859	0.034
21.425	0.072	21.443	0.091	21.452	0.104	21.478	0.082	24.868	0.054	24.884	0.032	24.893	0.024	24.902	0.010
21.491	0.054	21.506	0.060	21.522	0.086	21.544	0.078	24.911	0.002	24.924	-0.012	24.939	0.027	24.951	0.033
21.563	0.063	21.580	0.048	21.594	-0.000	21.607	-0.028	24.962	0.025	24.975	0.004	24.987	-0.011	25.003	-0.026
21.616	-0.049	21.625	-0.057	21.641	-0.024	21.655	0.023	25.017	-0.013	25.030	-0.008	25.042	-0.009	25.055	0.011
21.669	0.069	21.681	0.109	21.699	0.135	21.715	0.127	25.071	0.016	25.082	0.002	25.091	0.008	25.100	0.047
21.736	0.126	21.750	0.125	21.761	0.124	21.777	0.116	25.110	0.080	25.122	0.113	25.136	0.125	25.148	0.124
21.792	0.129	21.807	0.107	21.824	0.093	21.837	0.105	25.158	0.103	25.167	0.075	25.179	0.054	25.189	0.033
21.849	0.152	21.859	0.192	21.871	0.212	21.891	0.210	25.205	0.018	25.219	0.023	25.231	0.029	25.247	0.034
21.907	0.175	21.920	0.134	21.931	0.086	21.941	0.051	25.258	0.054	25.267	0.073	25.281	0.079	25.291	0.085
21.952	-0.023	21.965	0.009	21.982	0.035	21.998	0.061	25.306	0.070	25.321	0.061	25.330	0.067	25.335	0.087
22.011	0.066	22.028	0.065	22.053	0.042	22.070	0.040	25.344	0.093	25.360	0.078	25.378	0.049	25.392	0.034
22.046	0.046	22.060	0.030	22.119	0.022	22.130	0.027	25.403	0.019	25.419	0.011	25.428	0.003	25.438	-0.018
22.147	0.052	22.159	0.091	22.169	0.117	22.183	0.149	25.454	-0.020	25.466	0.006	25.475	0.019	25.487	0.058
22.197	0.181	22.211	0.200	22.229	0.177	22.247	0.155	25.498	0.071	25.513	0.055	25.524	0.034	25.533	0.020
22.261	0.119	22.278	0.110	22.298	0.115	22.313	0.093	25.547	-0.002	25.569	-0.017	25.576	-0.011	25.582	-0.012
22.330	0.077	22.346	0.069	22.359	0.088	22.371	0.100	25.590	-0.019	25.599	0.013	25.611	-0.008	25.623	-0.015
22.388	0.071	22.400	0.043	22.412	-0.013	22.422	-0.027	25.637	-0.030	25.648	-0.038	25.657	-0.059	25.669	-0.074
22.436	-0.029	22.450	-0.003	22.463	0.023	22.479	0.021	25.679	-0.068	25.693	-0.069	25.707	-0.077	25.721	-0.079
22.492	0.020	22.505	-0.001	22.519	-0.036	22.533	-0.085	25.736	-0.094	25.753	-0.095	25.763	-0.089	25.773	-0.036
22.547	-0.133	22.561	-0.141	22.574	-0.156	22.586	-0.177	25.781	-0.023	25.792	-0.004	25.801	0.022	25.816	0.042
22.600	-0.192	22.615	-0.193	22.629	-0.180	22.650	-0.169	25.830	0.034	25.844	0.026	25.856	0.025	25.861	0.025
22.668	-0.177	22.687	-0.171	22.699	-0.152	22.710	-0.146	25.878	0.003	25.895	-0.018	25.912	-0.033	25.936	-0.041

25.947	-0.042	25.960	-0.043	25.972	-0.023	25.983	0.030	29.344	0.005	29.361	0.010	29.374	0.016	29.390	0.022
25.992	0.036	26.004	0.062	26.014	0.082	26.024	0.102	29.404	0.035	29.419	0.054	29.431	0.074	29.438	0.094
26.038	0.101	26.053	0.073	26.067	0.045	26.079	0.030	29.453	0.093	29.485	0.057	29.507	0.002	29.531	0.007
26.090	0.016	26.107	0.042	26.120	0.068	26.129	0.095	29.544	-0.001	29.559	-0.023	29.587	-0.032	29.600	-0.026
26.138	0.114	26.148	0.134	26.160	0.140	26.175	0.126	29.609	-0.040	29.628	-0.022	29.650	0.004	29.664	0.009
26.194	0.104	26.202	0.076	26.214	0.055	26.221	0.048	29.677	0.008	29.692	-0.000	29.709	-0.016	29.729	-0.018
26.226	0.034	26.237	0.054	26.251	0.073	26.263	0.092	29.747	-0.013	29.759	-0.008	29.775	0.011	29.794	0.015
26.274	0.092	26.286	0.097	26.301	0.089	26.318	0.054	29.815	0.026	29.834	0.010	29.848	0.002	29.864	-0.013
26.334	0.046	26.346	0.052	26.363	0.051	26.385	0.049	29.880	-0.062	29.894	-0.078	29.915	-0.086	29.936	-0.082
26.405	0.061	26.421	0.074	26.436	0.065	26.452	0.023	29.947	-0.096	29.961	-0.098	29.977	-0.086	29.988	-0.073
26.467	-0.012	26.486	-0.041	26.504	-0.042	26.524	-0.031	30.016	-0.074	30.016	-0.055	30.035	-0.030	30.057	-0.019
26.539	-0.018	26.553	-0.033	26.572	-0.062	26.589	-0.064	30.077	-0.034	30.084	-0.048	30.098	-0.076	30.106	-0.083
26.603	-0.058	26.619	-0.066	26.632	-0.054	26.654	-0.049	30.118	-0.111	30.129	-0.118	30.144	-0.113	30.155	-0.080
26.670	-0.057	26.686	-0.072	26.699	-0.073	26.708	-0.088	30.165	-0.073	30.186	-0.068	30.209	-0.083	30.226	-0.064
26.721	-0.096	26.735	-0.083	26.751	-0.044	26.767	-0.039	30.237	-0.038	30.259	-0.040	30.274	-0.055	30.290	-0.070
26.780	-0.047	26.794	-0.055	26.807	-0.090	26.819	-0.091	30.307	-0.085	30.324	-0.086	30.342	-0.088	30.360	-0.076
26.830	-0.071	26.843	-0.046	26.856	-0.040	26.870	-0.028	30.375	-0.050	30.386	-0.031	30.405	-0.026	30.417	-0.007
26.935	-0.040	26.949	-0.027	26.958	-0.001	26.975	0.018	30.430	-0.008	30.446	-0.017	30.457	-0.011	30.466	-0.012
26.991	0.004	27.005	-0.004	27.013	0.009	27.023	0.015	30.483	-0.027	30.495	-0.049	30.509	-0.091	30.522	-0.113
27.081	0.112	27.096	0.118	27.109	0.117	27.124	0.095	30.538	-0.108	30.549	-0.109	30.562	-0.097	30.576	-0.084
27.137	0.101	27.145	0.094	27.162	0.079	27.181	0.057	30.594	-0.080	30.609	-0.074	30.632	-0.077	30.652	-0.079
27.276	0.037	27.295	0.009	27.315	-0.013	27.339	-0.028	30.668	-0.080	30.677	-0.088	30.691	-0.076	30.710	-0.057
27.357	-0.002	27.373	0.037	27.387	0.063	27.405	0.082	30.731	-0.052	30.750	-0.047	30.774	-0.063	30.805	-0.079
27.416	0.088	27.429	0.101	27.442	0.107	27.460	0.126	30.821	-0.060	30.839	-0.042	30.857	-0.030	30.871	-0.004
27.474	0.138	27.492	0.150	27.517	0.135	27.533	0.133	30.885	-0.009	30.902	0.014	30.916	-0.007	30.932	-0.022
27.552	0.105	27.566	0.076	27.582	0.048	27.604	0.033	30.953	-0.010	30.969	0.009	30.985	0.028	31.002	0.033
27.622	0.051	27.639	0.063	27.654	0.096	27.667	0.108	31.017	0.018	31.027	0.017	31.045	0.036	31.061	0.055
27.685	0.120	27.714	0.077	27.728	0.090	27.747	0.074	31.075	0.061	31.090	0.039	31.109	0.024	31.120	0.043
27.760	0.087	27.775	0.072	27.788	0.084	27.804	0.069	31.134	0.055	31.154	0.080	31.164	0.100	31.178	0.139
27.816	0.048	27.834	0.026	27.844	0.025	27.855	0.031	31.194	0.144	31.214	0.129	31.232	0.114	31.248	0.112
27.872	0.023	27.887	0.008	27.910	-0.008	27.912	-0.008	31.265	0.090	31.286	0.081	31.305	0.073	31.322	0.064
27.923	-0.029	27.939	-0.037	27.957	-0.012	27.970	0.014	31.339	0.056	31.360	0.067	31.378	0.059	31.394	0.057
28.054	-0.014	28.071	-0.015	28.092	-0.024	28.112	-0.019	31.411	0.076	31.430	0.095	31.443	0.107	31.460	0.105
28.133	-0.028	28.143	-0.016	28.161	-0.004	28.184	-0.020	31.472	0.084	31.482	0.056	31.496	0.034	31.508	0.020
28.204	-0.043	28.219	-0.038	28.239	-0.040	28.256	-0.008	31.522	0.011	31.537	0.010	31.549	0.016	31.564	0.035
28.274	0.017	28.294	0.015	28.313	-0.007	28.321	-0.022	31.578	0.068	31.590	0.094	31.601	0.121	31.618	0.140
28.339	-0.030	28.359	-0.025	28.373	-0.000	28.394	0.005	31.635	0.152	31.651	0.117	31.665	0.123	31.674	0.115
28.413	-0.004	28.435	-0.019	28.449	-0.021	28.466	-0.022	31.691	0.101	31.694	0.101	31.707	0.100	31.721	0.099
28.478	0.037	28.497	0.039	28.507	0.026	28.521	-0.000	31.784	0.101	31.796	0.107	31.804	0.093	31.815	0.079
28.540	0.038	28.558	0.037	28.575	0.021	28.596	0.013	31.831	0.057	31.845	0.063	31.856	0.035	31.870	0.048
28.606	0.012	28.622	-0.010	28.640	-0.025	28.662	-0.048	31.888	0.081	31.910	0.073	31.923	0.086	31.937	0.085
28.679	-0.049	28.698	-0.058	28.717	-0.046	28.736	-0.041	31.953	0.091	31.964	0.097	31.978	0.103	31.996	0.096
28.750	-0.042	28.763	-0.023	28.774	-0.017	28.788	-0.011	32.005	0.089	32.019	0.054	32.040	0.060	32.057	0.093
28.805	-0.040	28.815	-0.068	28.833	-0.110	28.849	-0.111	32.073	0.112	32.081	0.105	32.099	0.097	32.109	0.076
28.861	-0.105	28.876	-0.085	28.891	-0.059	28.909	-0.026	32.125	0.062	32.140	0.054	32.158	0.073	32.178	0.079
28.920	-0.020	28.937	-0.027	28.956	-0.035	28.966	-0.041	32.191	0.078	32.211	0.091	32.227	0.083	32.242	0.096
28.979	-0.036	28.993	-0.017	29.005	-0.010	29.017	-0.004	32.255	0.102	32.272	0.101	32.293	0.099	32.309	0.105
29.027	0.016	29.039	0.015	29.053	0.021	29.069	0.013	32.324	0.111	32.333	0.110	32.351	0.109	32.362	0.095
29.083	0.006	29.097	0.019	29.112	0.032	29.123	0.051	32.378	0.066	32.399	0.072	32.416	0.077	32.429	0.083
29.139	0.050	29.155	0.043	29.168	0.063	29.183	0.068	32.447	0.061	32.457	0.047	32.469	0.040	32.484	0.011
29.202	0.061	29.222	0.053	29.236	0.052	29.254	0.030	32.502	-0.003	32.516	-0.025	32.534	-0.040	32.548	-0.048
29.271	0.029	29.287	0.028	29.305	0.014	29.324	-0.001	32.562	-0.042	32.578	-0.030	32.592	-0.011	32.609	0.002
								32.625	0.007	32.637	-0.014	32.654	-0.016	32.660	-0.016
								32.670	-0.037	32.679	-0.045	32.689	-0.046	32.701	-0.046
								32.714	-0.027	32.725	-0.021	32.740	-0.016	32.757	-0.017

32.784	-0.012	32.800	-0.020	32.816	-0.028	32.831	-0.050	36.304	0.091	36.318	0.118	36.334	0.110	36.347	0.090
32.852	-0.071	32.878	-0.073	32.894	-0.068	32.914	-0.076	36.362	0.041	36.376	0.027	36.396	0.040	36.410	0.046
32.939	-0.078	32.957	-0.086	32.977	-0.094	32.995	-0.082	36.434	0.045	36.442	0.044	36.458	0.017	36.473	-0.038
33.013	-0.090	33.033	-0.085	33.044	-0.079	33.065	-0.094	36.486	-0.046	36.506	-0.046	36.521	-0.033	36.543	-0.014
33.079	-0.088	33.089	-0.102	33.110	-0.117	33.127	-0.146	36.558	-0.021	36.564	-0.035	36.579	-0.083	36.595	-0.103
33.147	-0.147	33.170	-0.135	33.186	-0.157	33.198	-0.158	36.610	-0.118	36.627	-0.091	36.645	-0.085	36.658	-0.085
33.210	-0.179	33.231	-0.187	33.250	-0.175	33.272	-0.170	36.678	-0.086	36.694	-0.087	36.708	-0.073	36.722	-0.074
33.290	-0.171	33.295	-0.172	33.314	-0.159	33.337	-0.168	36.737	-0.094	36.755	-0.135	36.769	-0.162	36.782	-0.156
33.360	-0.170	33.375	-0.177	33.389	-0.192	33.405	-0.180	36.797	-0.129	36.819	-0.136	36.836	-0.170	36.854	-0.198
33.417	-0.180	33.429	-0.181	33.442	-0.169	33.460	-0.170	36.872	-0.185	36.889	-0.158	36.908	-0.132	36.931	-0.106
33.478	-0.171	33.495	-0.159	33.517	-0.154	33.537	-0.142	36.943	-0.079	36.950	-0.093	36.960	-0.093	36.971	-0.087
33.557	-0.136	33.573	-0.144	33.590	-0.139	33.606	-0.140	36.997	-0.088	37.015	-0.102	37.034	-0.110	37.048	-0.104
33.620	-0.134	33.635	-0.135	33.655	-0.123	33.668	-0.124	37.065	-0.098	37.083	-0.086	37.105	-0.093	37.130	-0.081
33.683	-0.132	33.699	-0.126	33.720	-0.121	33.736	-0.102	37.151	-0.096	37.170	-0.117	37.183	-0.118	37.202	-0.112
33.750	-0.102	33.769	-0.084	33.786	-0.085	33.804	-0.073	37.220	-0.113	37.235	-0.134	37.252	-0.135	37.272	-0.102
33.829	-0.061	33.849	-0.063	33.861	-0.057	33.879	-0.045	37.285	-0.075	37.303	-0.069	37.323	-0.070	37.337	-0.057
33.898	-0.026	33.919	-0.021	33.943	-0.003	33.961	-0.011	37.344	-0.044	37.360	-0.025	37.380	-0.026	37.400	-0.062
33.979	-0.020	34.001	-0.008	34.021	0.004	34.037	0.016	37.419	-0.090	37.436	-0.091	37.449	-0.092	37.467	-0.067
34.048	0.016	34.062	0.015	34.071	0.021	34.085	0.026	37.485	-0.007	37.503	0.039	37.517	-0.058	37.536	0.056
34.103	0.038	34.118	0.044	34.132	0.050	34.142	0.062	37.552	0.048	37.566	-0.001	37.584	-0.003	37.600	-0.025
34.157	0.068	34.168	0.088	34.188	0.072	34.207	0.057	37.611	-0.019	37.628	-0.000	37.647	0.005	37.670	-0.004
34.218	0.070	34.235	0.069	34.258	0.026	34.278	0.031	37.688	0.008	37.707	-0.000	37.726	0.025	37.741	0.017
34.289	0.017	34.303	0.022	34.323	0.041	34.337	0.047	37.757	0.043	37.771	0.042	37.791	0.040	37.812	0.012
34.351	0.046	34.367	0.058	34.386	0.070	34.399	0.082	37.835	0.037	37.854	0.055	37.876	0.067	37.896	0.086
34.417	0.101	34.426	0.094	34.442	0.079	34.458	0.050	37.924	0.083	37.934	0.076	37.955	0.067	37.971	0.072
34.475	0.035	34.488	0.034	34.502	0.039	34.519	0.037	37.989	0.077	38.006	0.110	38.022	0.122	38.025	0.102
34.533	0.043	34.549	0.041	34.565	0.033	34.577	0.039	38.029	0.095	38.036	0.068	38.126	0.046	38.142	0.052
34.596	0.050	34.608	0.049	34.625	0.040	34.646	0.059	38.158	0.051	38.175	0.056	38.197	0.055	38.219	0.054
34.662	0.071	34.673	0.083	34.683	0.082	34.694	0.074	38.239	0.052	38.257	0.044	38.284	0.048	38.299	0.053
34.707	0.039	34.713	0.025	34.725	0.017	34.734	0.023	38.319	0.044	38.337	0.029	38.347	0.014	38.372	0.019
34.748	0.069	34.768	0.095	34.781	0.121	34.787	0.120	38.394	0.044	38.409	0.069	38.431	0.094	38.448	0.086
34.796	0.133	34.807	0.132	34.821	0.124	34.839	0.122	38.465	0.071	38.483	0.049	38.504	0.054	38.525	0.079
34.863	0.093	34.882	0.051	34.896	0.002	34.917	0.000	38.550	0.056	38.555	0.056	38.577	0.028	38.595	-0.028
34.938	-0.015	34.956	0.004	34.968	0.023	34.985	0.055	38.614	-0.063	38.639	-0.051	38.659	-0.059	38.676	-0.060
35.004	0.060	35.017	0.093	35.030	0.092	35.044	0.119	38.698	-0.048	38.719	-0.050	38.741	-0.051	38.757	-0.045
35.064	0.104	35.087	0.062	35.114	0.060	35.133	0.059	38.779	-0.040	38.795	-0.041	38.813	-0.002	38.824	0.004
35.147	0.051	35.159	0.023	35.169	0.002	35.181	0.008	38.849	0.030	38.877	0.035	38.897	0.027	38.913	-0.002
35.192	0.028	35.206	0.047	35.225	0.080	35.246	0.079	38.935	-0.004	38.958	0.014	38.969	0.006	38.992	-0.010
35.255	0.051	35.265	0.010	35.279	-0.011	35.295	-0.006	39.020	-0.033	39.046	-0.021	39.069	-0.024	39.094	-0.060
35.305	0.021	35.316	0.027	35.327	0.012	35.340	-0.016	39.125	-0.049	39.141	-0.050	39.159	-0.038	39.185	-0.054
35.353	-0.050	35.368	-0.045	35.383	0.009	35.401	0.014	39.217	-0.063	39.240	-0.064	39.265	-0.053	39.281	-0.054
35.416	0.054	35.435	0.086	35.448	0.092	35.465	0.098	39.302	-0.063	39.323	-0.051	39.345	-0.026	39.358	-0.027
35.477	0.124	35.495	0.136	35.509	0.128	35.524	0.073	39.372	-0.063	39.390	-0.003	39.412	-0.002	39.435	-0.014
35.543	0.018	35.559	0.003	35.577	0.029	35.592	0.028	39.451	-0.029	39.478	-0.038	39.492	-0.033	39.520	-0.002
35.610	0.007	35.626	-0.021	35.635	-0.056	35.655	-0.043	39.541	0.003	39.564	-0.013	39.580	-0.041	39.597	-0.070
35.670	0.017	35.688	-0.083	35.703	0.069	35.720	0.034	39.619	-0.072	39.630	-0.066	39.648	-0.040	39.672	-0.015
35.739	0.033	35.754	0.012	35.773	0.031	35.785	0.058	39.693	-0.010	39.715	-0.018	39.738	-0.047	39.776	-0.050
35.803	0.084	35.822	-0.077	35.837	0.056	35.855	0.042	39.796	-0.032	39.816	-0.020	39.843	-0.022	39.869	-0.010
35.864	0.014	35.880	0.014	35.891	0.067	35.908	0.121	39.900	-0.013	39.919	-0.034	39.940	-0.043	39.967	-0.032
35.920	0.120	35.939	0.086	35.953	0.018	35.971	0.024	39.990	-0.027	40.008	-0.029	40.019	-0.050	40.048	-0.052
35.989	0.016	35.993	0.016	36.005	0.029	36.019	0.056	40.062	-0.054	40.087	-0.042	40.111	-0.031	40.133	-0.026
36.033	0.076	36.046	0.102	36.052	0.115	36.063	0.115	40.155	-0.021	40.177	-0.017	40.203	-0.005	40.228	-0.021
36.072	0.115	36.083	0.094	36.097	0.114	36.108	0.107	40.264	-0.031	40.289	-0.033	40.311	-0.035	40.339	-0.044
36.122	0.112	36.134	0.112	36.147	0.112	36.161	0.118	40.372	-0.027	40.399	-0.022	40.417	-0.030	40.443	-0.040
36.180	0.117	36.198	0.089	36.214	0.082	36.232	0.061	40.472	-0.042	40.498	-0.045	40.523	-0.040	40.540	-0.042
36.256	0.066	36.270	0.066	36.277	0.066	36.290	0.079	40.560	-0.037	40.579	-0.032	40.596	-0.040	40.618	-0.042

40.623	-0.049	40.647	-0.078	40.679	-0.088	40.711	-0.037
40.738	-0.032	40.751	-0.026	40.779	-0.029	40.803	-0.004
40.825	0.001	40.850	-0.007	40.882	-0.003	40.909	0.015
40.932	0.033	40.965	0.052	41.003	0.057	41.029	0.042
41.059	0.048	41.089	0.047	41.109	0.053	41.131	0.058
41.152	0.051	41.181	0.043	41.192	0.049	41.203	0.062
41.212	0.068	41.219	0.082	41.230	0.081		

IR249

71.196 2/9/71 0600PST LA 1900 AVENUE OF THE STARS BSMT. S46E

2880 PCINTS 41.227 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1547 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	C.080	C.020	0.059	0.039	-0.016	0.052	-0.044	2.461	C.042	2.474	6.109	2.483	C.122	2.457	C.067	2.569	C.062
0.058	-0.051	0.069	-0.024	0.081	0.016	0.089	0.036	2.512	0.025	2.529	0.065	2.551	C.090	2.569	C.062	2.630	C.037
0.057	C.049	0.107	0.082	0.118	0.055	0.127	C.073	2.584	C.020	2.604	C.053	2.624	C.044	2.630	C.037	2.730	C.098
0.141	0.059	C.149	0.038	0.165	0.030	0.177	0.069	2.674	0.021	2.688	0.067	2.704	C.127	2.730	C.098	2.808	C.072
0.190	0.115	0.201	0.142	0.210	0.148	0.227	0.112	2.752	0.069	2.775	0.047	2.789	0.046	2.808	C.072	2.874	0.012
0.239	0.091	0.253	0.063	0.261	0.028	0.275	0.007	2.820	C.077	2.837	0.029	2.854	-C.020	2.874	0.012	2.933	C.035
0.291	0.032	0.304	0.065	0.322	C.084	0.338	0.028	2.851	0.018	2.903	C.050	2.917	C.077	2.933	C.035	2.989	0.118
0.346	0.020	0.357	0.012	0.371	0.017	0.383	0.036	2.941	0.034	2.957	0.060	2.973	0.126	2.989	0.118	3.055	0.181
0.462	0.062	0.412	0.019	0.428	0.044	0.446	0.056	3.002	C.076	3.022	C.075	3.037	C.121	3.055	0.181	3.115	0.088
0.522	0.055	0.473	0.114	0.495	0.064	0.511	0.028	3.075	0.139	3.084	0.057	3.099	0.062	3.115	0.088	3.202	0.053
0.538	0.046	0.538	0.046	0.554	0.050	0.575	0.055	3.142	0.113	3.168	0.064	3.182	0.082	3.202	0.053	3.265	0.048
0.583	C.040	0.594	0.012	0.614	0.050	0.628	0.008	3.218	-0.009	3.238	C.030	3.249	C.099	3.265	0.048	3.335	C.069
0.639	-0.021	0.657	0.038	0.673	C.070	0.685	C.089	3.289	C.113	3.308	0.058	3.327	C.090	3.335	C.069	3.391	-0.051
0.691	0.095	0.711	0.051	0.723	0.097	0.745	0.095	3.350	C.054	3.365	0.012	3.384	-C.044	3.391	-0.051	3.460	C.085
C.758	0.113	0.773	0.145	C.790	0.096	0.808	-0.001	3.407	-0.046	3.423	-0.000	3.445	-0.002	3.460	C.085	3.525	C.099
0.819	-0.023	0.835	-0.011	0.848	0.074	0.873	0.073	3.473	0.117	3.487	0.109	3.506	0.087	3.525	C.099	3.585	C.033
0.889	0.037	0.902	0.009	0.922	0.054	0.933	0.094	3.539	0.132	3.557	0.069	3.573	C.034	3.585	C.033	3.640	C.042
0.953	0.092	0.969	0.098	0.977	0.117	1.002	0.074	3.604	0.072	3.615	0.105	3.629	C.099	3.640	C.042	3.705	C.138
1.018	0.039	1.034	-0.003	1.045	-0.038	1.057	-0.053	3.654	C.108	3.683	0.142	3.682	C.099	3.705	C.138	3.767	C.093
1.072	-0.027	1.082	0.040	1.092	0.093	1.107	0.038	3.721	0.096	3.732	C.055	3.751	C.114	3.767	C.093	3.836	C.033
-0.017	0.126	1.126	-0.025	1.138	-0.012	1.152	C.055	3.794	0.058	3.808	0.062	3.826	C.034	3.836	C.033	3.910	C.102
1.167	0.115	1.182	0.121	1.198	0.079	1.213	0.037	3.852	0.059	3.865	C.057	3.889	C.038	3.910	C.102	3.949	C.117
1.229	0.050	1.251	0.123	1.268	0.054	1.283	-0.001	3.925	0.100	3.946	-0.003	3.959	C.057	3.949	C.117	4.013	-0.008
1.303	C.018	1.324	0.063	1.334	C.089	1.349	0.075	3.975	0.110	3.986	0.055	3.999	C.066	4.013	-0.008	4.076	C.028
1.364	C.087	1.383	0.031	1.403	-0.025	1.417	-0.026	4.033	-0.023	4.051	0.050	4.058	C.038	4.076	C.028	4.136	C.017
1.436	0.013	1.455	0.079	1.468	0.098	1.490	0.056	4.091	0.067	4.105	C.100	4.121	C.038	4.136	C.017	4.206	C.080
1.500	0.068	1.515	0.101	1.540	0.031	1.555	0.044	4.159	-0.019	4.173	-0.013	4.191	0.047	4.206	C.080	4.271	C.056
1.572	C.056	1.585	0.075	1.603	-0.008	1.614	-0.049	4.226	C.031	4.238	C.010	4.260	C.069	4.271	C.056	4.356	-C.053
1.632	-0.010	1.647	0.063	1.656	0.083	1.677	0.082	4.289	0.054	4.310	-0.029	4.331	C.091	4.356	-C.053	4.424	C.024
1.702	0.100	1.723	0.045	1.742	0.057	1.762	0.056	4.374	C.000	4.392	0.067	4.413	C.032	4.424	C.024	4.479	C.203
1.769	0.056	1.780	0.143	1.796	0.155	1.815	0.100	4.442	C.097	4.451	C.198	4.461	C.078	4.479	C.203	4.556	C.062
1.834	-0.023	1.845	-0.031	1.860	C.009	1.877	C.055	4.494	C.054	4.505	0.066	4.530	C.078	4.556	C.062	4.633	0.070
1.887	0.061	1.905	0.047	1.922	0.046	1.944	0.010	4.582	C.033	4.606	0.058	4.615	C.078	4.633	0.070	4.656	C.174
2.000	-0.004	2.050	0.083	2.094	0.122	2.007	C.080	4.648	C.130	4.666	0.150	4.675	C.223	4.656	C.174	4.775	0.019
2.020	0.012	2.036	-0.030	2.054	C.030	2.072	0.103	4.717	0.091	4.727	0.056	4.752	C.061	4.775	0.019	4.854	-0.217
2.050	0.061	2.104	0.013	2.123	C.072	2.142	0.112	4.757	C.010	4.819	0.016	4.836	-C.080	4.854	-0.217	4.926	-0.216
2.164	0.076	2.179	0.055	2.193	C.095	2.205	0.134	4.871	-0.144	4.885	-0.058	4.903	-C.180	4.926	-0.216	5.003	C.016
2.226	C.099	2.249	0.077	2.270	C.076	2.286	0.075	4.947	-0.211	4.963	0.144	4.982	-C.105	5.003	C.016	5.053	C.060
2.298	C.087	2.319	0.038	2.335	0.003	2.360	0.056	5.016	0.144	5.021	0.204	5.039	0.122	5.053	C.060	5.122	C.374
2.377	0.095	2.391	0.149	2.419	C.052	2.449	0.036	5.071	0.127	5.091	0.268	5.110	0.361	5.122	C.374		

5.142	0.312	5.156	0.101	5.167	-0.157	5.176	-0.225	8.065	-C.180	8.073	-C.235	8.087	-0.176	8.101	-0.062
5.188	-0.185	5.203	-0.105	5.219	-0.120	5.231	-0.168	8.114	-0.056	8.132	-0.065	8.153	-0.134	8.173	-0.089
5.248	-0.284	5.261	-0.325	5.279	-0.286	5.300	-0.185	8.177	-0.056	8.191	-0.0179	8.200	-0.254	8.207	-0.268
5.313	-0.125	5.336	-0.086	5.347	0.022	5.358	0.245	8.218	-0.222	8.233	-0.013	8.251	C.310	8.267	C.654
5.369	0.448	5.381	0.562	5.397	0.487	5.405	0.419	8.281	0.822	8.298	0.528	8.316	0.852	8.325	C.682
5.424	0.384	5.439	0.302	5.450	0.349	5.471	0.565	8.339	C.457	8.350	C.361	8.372	0.326	8.383	C.318
5.480	0.612	5.486	0.625	5.500	0.550	5.511	0.333	8.398	0.323	8.412	C.255	8.423	C.185	8.440	-0.006
5.521	0.176	5.533	-0.007	5.545	-0.150	5.555	-0.320	8.453	-0.197	8.464	-0.279	8.471	-0.279	8.483	-0.226
5.568	-0.408	5.583	-0.389	5.594	-0.383	5.607	-0.464	8.493	-0.132	8.502	-0.126	8.511	-0.160	8.528	-0.229
5.614	-C.566	5.622	-0.641	5.629	-0.669	5.641	-0.696	8.539	-C.250	8.570	-C.049	8.570	-C.049	8.582	0.119
5.654	-0.643	5.666	-0.420	5.677	-0.035	5.687	0.175	8.593	0.179	8.607	0.152	8.625	C.089	8.640	-0.095
5.655	0.263	5.702	0.289	5.718	0.228	5.729	0.186	8.649	-C.157	8.658	-C.231	8.679	-C.179	8.689	-0.159
5.787	0.515	5.796	0.190	5.808	-0.237	5.815	-0.447	8.761	-0.022	8.775	-0.047	8.737	C.027	8.744	C.033
5.821	-C.549	5.829	-0.583	5.841	-0.523	5.850	-0.381	8.677	-C.003	8.684	0.111	8.906	C.252	8.916	0.394
5.865	-0.199	5.877	-0.112	5.891	-0.099	5.909	-0.161	8.924	-0.508	8.934	0.528	8.948	C.432	8.958	C.248
5.921	-0.378	5.931	-0.575	5.940	-0.636	5.956	-0.576	8.965	0.079	8.976	0.003	9.001	0.029	9.018	C.027
5.969	-0.346	5.987	-0.022	6.001	0.268	6.012	0.538	9.033	-0.150	9.043	-0.292	9.053	-C.361	9.065	-0.368
6.020	0.687	6.028	0.747	6.047	0.638	6.064	0.420	9.082	-0.214	9.099	-0.201	9.109	-0.229	9.119	-0.156
6.076	0.047	6.089	-0.272	6.095	-0.340	6.108	-0.429	9.131	-0.021	9.145	-0.015	9.162	-0.098	9.178	-0.153
6.120	-0.484	6.134	-0.512	6.152	-0.269	6.164	-0.040	9.187	-0.072	9.195	0.103	9.212	C.223	9.231	C.127
6.176	0.115	6.187	0.142	6.197	0.080	6.208	-0.144	9.241	0.072	9.253	0.152	9.269	0.306	9.278	C.326
6.222	-0.463	6.228	-0.545	6.235	-0.552	6.250	-0.431	9.291	C.291	9.305	C.154	9.314	C.018	9.323	-0.024
6.260	-0.262	6.271	-0.114	6.283	-0.047	6.302	-0.001	9.341	0.049	9.347	0.110	9.365	0.047	9.381	-0.205
6.313	0.060	6.326	0.248	6.338	0.464	6.357	0.687	9.390	-0.294	9.403	-0.295	9.417	-C.208	9.435	-C.183
6.364	0.828	6.377	0.902	6.387	0.928	6.397	0.867	9.455	-0.279	9.467	-0.321	9.485	-C.283	9.508	-0.163
6.407	0.656	6.418	0.324	6.425	0.161	6.430	0.093	9.519	-0.083	9.535	0.274	9.544	0.483	9.557	C.556
6.435	C.059	6.451	0.160	6.463	0.192	6.477	0.151	9.574	C.426	9.590	0.255	9.604	0.118	9.615	0.089
6.488	C.055	6.510	0.046	6.530	0.119	6.540	C.280	9.635	0.135	9.644	C.161	9.663	C.071	9.675	C.056
6.549	0.300	6.562	0.251	6.573	0.101	6.583	-0.021	9.700	0.080	9.723	0.010	9.739	-0.174	9.757	-0.420
6.590	-0.056	6.602	0.051	6.612	0.274	6.624	0.442	9.714	-C.456	9.757	-0.539	9.807	-0.540	9.826	-C.312
6.640	0.488	6.649	0.494	6.659	0.419	6.679	0.261	9.847	-0.124	9.854	-0.037	9.876	C.022	9.900	C.290
6.692	0.152	6.710	0.076	6.728	0.074	6.743	0.073	9.919	0.451	9.941	0.517	9.972	0.548	9.983	C.547
6.757	-0.474	6.760	-0.576	6.769	-0.097	6.783	-0.222	10.000	0.417	10.010	0.281	10.022	C.171	10.034	C.238
6.852	-0.452	6.867	-0.155	6.874	-0.020	6.883	0.040	10.044	C.379	10.061	0.432	10.073	C.316	10.086	C.112
6.857	-C.030	6.907	-0.112	6.923	-0.053	6.931	0.062	10.097	C.071	10.113	0.123	10.135	C.325	10.149	C.385
6.942	0.108	6.958	0.059	6.974	0.043	6.987	C.110	10.172	C.308	10.193	C.158	10.204	C.184	10.215	C.223
7.002	0.169	7.017	0.120	7.032	-0.078	7.041	-0.153	10.235	C.357	10.239	0.377	10.257	C.294	10.274	C.103
7.057	-0.114	7.067	-0.061	7.090	-0.152	7.106	-0.018	10.290	C.054	10.307	0.107	10.323	C.160	10.345	0.178
7.122	0.150	7.131	0.210	7.151	0.221	7.169	0.233	10.367	C.318	10.384	0.404	10.405	C.369	10.419	0.306
7.184	0.197	7.193	0.223	7.211	0.418	7.223	0.532	10.437	0.115	10.455	-0.042	10.484	-0.086	10.515	-0.061
7.232	0.571	7.248	0.495	7.266	0.358	7.284	0.315	10.547	-C.247	10.570	-C.352	10.584	-C.393	10.601	-0.273
7.310	0.312	7.321	0.216	7.345	0.018	7.360	-0.106	10.615	-0.125	10.628	0.110	10.639	0.312	10.648	0.366
7.379	-C.185	7.391	-0.197	7.405	-0.144	7.412	-0.030	10.659	0.411	10.684	C.354	10.704	C.236	10.728	C.064
7.424	0.172	7.434	0.205	7.445	-0.163	7.461	-0.049	10.749	0.042	10.755	C.020	10.787	-C.165	10.805	-C.282
7.478	0.024	7.492	0.063	7.506	-0.006	7.519	-0.043	10.827	-0.332	10.842	-0.421	10.868	-0.377	10.894	-C.522
7.531	-0.118	7.548	-0.066	7.563	0.054	7.575	0.269	10.905	-C.537	10.935	-C.453	10.965	-C.422	10.985	-C.302
7.587	0.369	7.600	0.388	7.613	0.325	7.629	0.283	11.003	-0.108	11.019	0.154	11.037	C.429	11.043	C.557
7.645	0.226	7.665	-0.155	7.676	-0.306	7.694	-0.389	11.055	0.669	11.066	0.701	11.088	C.640	11.111	C.549
7.711	-0.290	7.728	0.013	7.741	-0.194	7.752	0.192	11.119	0.549	11.127	0.527	11.137	C.492	11.143	C.451
7.760	0.117	7.773	-0.000	7.795	-0.050	7.811	-0.147	11.150	C.390	11.156	0.281	11.162	0.185	11.169	C.690
7.833	-0.252	7.848	-0.287	7.861	-0.242	7.881	-0.116	11.174	C.015	11.181	-C.027	11.187	-C.068	11.202	-C.083
7.899	-0.206	7.918	-0.364	7.929	-0.372	7.949	-0.382	11.216	-C.058	11.234	-C.065	11.234	-C.100	11.243	-C.134
7.971	-0.392	7.977	-0.345	7.991	0.005	8.004	0.166	11.253	-C.169	11.259	-0.177	11.267	-C.171	11.277	-C.158
8.016	0.246	8.026	0.265	8.040	0.182	8.054	-0.037	11.287	-C.180	11.298	-C.208	11.308	-C.209	11.320	-0.190
								11.330	-0.150	11.340	-0.111	11.349	-C.078	11.357	-C.052

11.364	-0.026	11.373	-0.033	11.381	-0.062	11.393	-0.131	13.748	0.073	13.759	0.133	13.768	0.214	13.775	0.274
11.400	-0.213	11.403	-0.254	11.407	-0.281	11.416	-0.275	13.781	0.300	13.789	0.313	13.803	0.312	13.819	0.270
11.425	-0.168	11.432	-0.020	11.437	0.169	11.445	0.337	13.831	0.242	13.842	0.214	13.851	0.173	13.862	0.104
11.453	0.418	11.459	0.471	11.468	0.470	11.475	0.429	13.871	0.069	13.881	0.055	13.894	0.088	13.905	0.100
11.481	0.374	11.489	0.366	11.499	0.399	11.508	0.465	13.916	0.099	13.925	0.078	13.933	0.016	13.943	-0.052
11.517	0.519	11.523	0.558	11.528	0.571	11.538	0.550	13.952	-0.094	13.959	-0.149	13.971	-0.157	13.983	-0.158
11.545	-0.481	11.553	0.365	11.562	0.216	11.567	0.086	13.997	-0.145	14.006	-0.123	14.020	-0.107	14.028	-0.094
11.576	-0.024	11.585	0.003	11.597	-0.005	11.605	-0.033	14.044	-0.103	14.056	-0.105	14.068	-0.086	14.075	-0.066
11.614	-0.088	11.625	-0.150	11.632	-0.178	11.645	-0.200	14.095	-0.035	14.107	0.025	14.115	0.064	14.121	0.091
11.653	-0.208	11.660	-0.276	11.670	-0.385	11.679	-0.488	14.134	0.116	14.147	0.128	14.163	0.180	14.174	0.206
11.686	-0.577	11.694	-0.639	11.701	-0.660	11.710	-0.613	14.185	0.218	14.199	0.217	14.207	0.209	14.214	0.242
11.719	-0.506	11.728	-0.405	11.734	-0.284	11.743	-0.170	14.226	0.248	14.240	0.212	14.252	0.164	14.262	0.095
11.745	-0.089	11.758	-0.043	11.775	-0.018	11.788	0.035	14.271	0.046	14.278	0.019	14.294	0.017	14.303	0.016
11.758	0.088	11.813	0.140	11.826	0.267	11.835	0.226	14.315	-0.019	14.325	-0.068	14.335	-0.103	14.350	-0.125
11.850	0.245	11.861	0.250	11.870	0.276	11.883	0.282	14.367	-0.140	14.375	-0.120	14.392	-0.047	14.406	0.053
11.857	0.206	11.906	0.157	11.914	0.123	11.924	0.115	14.417	0.086	14.424	0.066	14.434	0.058	14.442	0.030
11.935	0.100	11.946	0.058	11.953	0.023	11.964	-0.073	14.453	0.022	14.467	0.048	14.481	0.102	14.495	0.155
11.973	0.141	11.980	-0.169	11.987	-0.197	11.998	-0.178	14.508	0.187	14.520	0.167	14.531	0.165	14.545	0.097
12.007	-0.118	12.014	-0.091	12.023	-0.072	12.034	-0.100	14.557	0.062	14.565	0.027	14.580	0.019	14.595	0.051
12.045	-0.183	12.052	-0.217	12.061	-0.232	12.072	-0.253	14.606	0.071	14.625	0.103	14.637	0.143	14.648	0.230
12.050	-0.248	12.108	-0.237	12.123	-0.231	12.135	-0.219	14.657	0.290	14.670	0.363	14.689	0.368	14.708	0.359
12.148	-0.200	12.166	-0.202	12.177	-0.196	12.189	-0.123	14.725	0.364	14.741	0.322	14.755	0.293	14.770	0.291
12.193	-0.069	12.203	-0.043	12.209	-0.030	12.217	-0.037	14.785	0.290	14.802	0.274	14.819	0.266	14.833	0.203
12.225	-0.045	12.237	-0.053	12.246	-0.087	12.256	-0.115	14.844	0.141	14.857	0.066	14.874	0.058	14.885	0.151
12.264	-0.130	12.272	-0.124	12.278	-0.104	12.289	-0.037	14.900	0.183	14.915	0.188	14.925	0.200	14.947	0.185
12.298	0.043	12.307	0.117	12.314	0.143	12.322	0.163	14.963	0.156	14.976	0.121	14.988	0.079	15.004	0.064
12.334	0.148	12.345	0.086	12.357	0.004	12.367	-0.078	15.021	0.029	15.032	0.014	15.046	0.033	15.054	0.066
12.376	-0.140	12.389	-0.182	12.402	-0.231	12.414	-0.266	15.064	0.072	15.084	0.104	15.089	0.022	15.101	-0.033
12.421	-0.294	12.429	-0.309	12.452	-0.325	12.463	-0.340	15.116	-0.069	15.131	-0.104	15.148	-0.059	15.160	-0.001
12.471	-0.388	12.479	-0.416	12.489	-0.437	12.503	-0.419	15.170	0.020	15.181	0.005	15.197	-0.017	15.210	-0.045
12.512	-0.399	12.533	-0.402	12.541	-0.382	12.550	-0.363	15.229	-0.068	15.246	-0.083	15.259	-0.051	15.270	-0.002
12.561	-0.060	12.580	-0.232	12.590	-0.165	12.595	-0.125	15.282	0.034	15.306	0.024	15.325	0.002	15.344	-0.001
12.633	0.013	12.634	0.013	12.643	0.093	12.642	0.132	15.356	0.005	15.370	0.005	15.383	0.034	15.396	-0.224
12.649	0.158	12.659	0.177	12.674	0.155	12.696	0.145	15.405	-0.259	15.414	-0.273	15.428	-0.261	15.439	-0.175
12.709	0.137	12.715	0.129	12.723	0.169	12.732	0.168	15.451	-0.156	15.462	-0.144	15.475	-0.179	15.493	-0.208
12.742	0.132	12.751	0.043	12.765	-0.128	12.775	-0.264	15.508	-0.217	15.527	-0.185	15.543	-0.140	15.560	-0.101
12.782	-0.333	12.796	-0.436	12.809	-0.492	12.822	-0.514	15.568	-0.075	15.578	-0.036	15.588	0.031	15.599	0.104
12.834	-0.509	12.843	-0.469	12.857	-0.356	12.868	-0.255	15.658	0.165	15.669	0.056	15.677	0.040	15.685	0.006
12.881	-0.202	12.892	-0.189	12.904	-0.204	12.914	-0.245	15.743	0.141	15.711	0.030	15.722	0.069	15.734	0.115
12.926	-0.246	12.937	-0.227	12.956	-0.160	12.967	-0.120	15.814	-0.072	15.829	0.049	15.850	-0.000	15.865	-0.077
12.974	-0.101	12.990	-0.095	13.002	-0.076	13.016	0.005	15.875	-0.112	15.889	-0.120	15.902	-0.087	15.916	-0.062
13.027	0.085	13.037	0.132	13.051	0.172	13.063	0.171	15.931	-0.036	15.945	-0.024	15.958	-0.030	15.969	-0.149
13.076	0.137	13.085	0.056	13.095	0.102	13.108	0.121	15.980	-0.224	15.952	-0.314	16.005	-0.349	16.025	-0.371
13.118	0.128	13.130	0.086	13.146	0.004	13.161	-0.037	16.047	-0.374	16.058	-0.382	16.072	-0.397	16.091	-0.358
13.174	-0.072	13.186	-0.128	13.200	-0.176	13.213	-0.218	16.104	-0.305	16.115	-0.279	16.126	-0.267	16.152	-0.270
13.233	-0.227	13.255	-0.269	13.265	-0.250	13.280	-0.191	16.166	-0.231	16.176	-0.178	16.190	-0.098	16.199	-0.058
13.293	-0.171	13.305	-0.186	13.316	-0.235	13.332	-0.257	16.209	-0.052	16.218	-0.068	16.236	-0.035	16.252	-0.090
13.346	-0.225	13.357	-0.179	13.368	-0.126	13.383	-0.094	16.266	-0.112	16.281	-0.141	16.291	-0.182	16.304	-0.224
13.394	-0.041	13.406	0.025	13.417	0.098	13.425	0.118	16.324	-0.294	16.341	-0.343	16.358	-0.331	16.372	-0.258
13.444	0.116	13.452	0.115	13.462	0.134	13.474	0.153	16.382	-0.184	16.391	-0.067	16.399	-0.037	16.406	-0.003
13.485	0.152	13.496	0.124	13.506	0.062	13.517	-0.014	16.411	0.010	16.420	0.016	16.430	-0.005	16.446	-0.020
13.530	-0.056	13.545	-0.064	13.552	-0.092	13.564	-0.127	16.463	-0.015	16.479	-0.003	16.494	0.016	16.505	0.035
13.570	-0.148	13.579	-0.149	13.593	-0.116	13.605	-0.063	16.524	0.054	16.545	0.059	16.559	0.065	16.576	0.036
13.614	-0.030	13.625	-0.025	13.643	-0.040	13.653	-0.021	16.588	-0.005	16.600	-0.054	16.613	-0.089	16.629	-0.090
13.665	-0.015	13.680	-0.003	13.689	0.037	13.700	0.084								
13.705	0.104	13.714	0.103	13.726	0.095	13.733	0.074								

16.645	-0.058	16.659	-0.012	16.673	0.054	16.684	0.108	19.742	-0.018	19.754	-0.006	19.767	0.013	19.782	0.046
16.696	0.174	16.705	0.200	16.722	0.212	16.731	0.218	19.794	0.072	19.807	0.112	19.815	0.131	19.827	0.110
16.744	0.157	16.754	0.169	16.771	0.167	16.788	0.165	19.839	0.068	19.852	0.020	19.864	-0.022	19.873	-0.036
16.803	0.136	16.820	0.080	16.836	0.038	16.843	0.024	19.890	-0.091	19.900	-0.099	19.917	-0.073	19.930	-0.047
16.861	0.022	16.874	0.047	16.892	0.066	16.913	0.064	19.950	-0.035	19.963	-0.023	19.979	-0.011	19.996	-0.006
16.933	0.048	16.947	0.040	16.964	0.038	16.975	0.023	20.017	C.006	20.033	-0.009	20.050	-0.011	20.064	-0.012
16.986	0.035	16.996	0.075	17.005	0.128	17.018	0.154	20.082	-C.020	20.113	-0.003	20.130	-0.004	20.144	-0.004
17.030	0.166	17.052	0.150	17.069	0.141	17.083	0.147	20.139	0.068	20.149	0.035	20.160	0.034	20.172	0.012
17.095	0.166	17.105	0.192	17.115	0.204	17.124	0.217	20.187	-0.016	20.199	-0.024	20.213	-0.011	20.225	C.008
17.137	0.215	17.148	0.200	17.160	0.206	17.173	0.231	20.235	C.014	20.253	-0.001	20.260	-0.015	20.274	-C.017
17.187	0.244	17.201	0.250	17.216	0.242	17.230	0.187	20.285	-C.011	20.295	0.002	20.304	C.001	20.318	-C.027
17.243	0.145	17.255	0.117	17.265	0.076	17.278	0.048	20.330	-C.068	20.345	-0.056	20.358	-0.117	20.371	-C.132
17.287	0.040	17.299	0.039	17.312	0.059	17.328	0.071	20.365	-C.115	20.378	-0.053	20.412	-C.067	20.420	-C.047
17.344	0.029	17.356	0.015	17.371	0.027	17.382	0.067	20.431	-0.034	20.442	-0.022	20.454	-0.016	20.467	-C.030
17.391	0.101	17.400	0.114	17.413	0.107	17.427	0.065	20.482	-0.032	20.491	-0.032	20.504	-0.027	20.517	-C.001
17.445	0.031	17.456	0.010	17.470	0.009	17.483	0.015	20.529	C.015	20.541	C.031	20.551	C.030	20.568	-0.012
17.497	0.041	17.510	0.047	17.523	0.005	17.539	-0.024	20.578	-C.046	20.588	-0.088	20.596	-C.115	20.610	-C.137
17.559	-0.059	17.571	-0.080	17.586	-0.055	17.598	-0.008	20.621	-C.138	20.634	-0.132	20.647	-0.120	20.656	-0.107
17.612	0.038	17.623	0.037	17.640	0.048	17.658	-0.008	20.664	-0.054	20.676	-0.102	20.688	-C.109	20.700	-C.117
17.675	-0.105	17.685	-0.147	17.705	-0.149	17.727	-0.132	20.715	-C.132	20.722	-0.146	20.736	-C.147	20.751	-C.108
17.746	-0.080	17.757	-0.013	17.771	0.073	17.777	0.126	20.764	-0.061	20.771	-0.035	20.785	-C.002	20.797	C.024
17.793	0.151	17.813	0.129	17.830	0.099	17.845	0.084	20.807	0.037	20.819	C.036	20.831	C.028	20.845	-C.014
17.864	0.048	17.886	0.052	17.896	0.037	17.912	-0.019	20.857	-0.001	20.870	-0.022	20.881	-C.037	20.895	-C.045
17.927	-0.068	17.941	-0.111	17.956	-0.112	17.970	-0.100	20.902	-C.045	20.917	-0.026	20.927	-0.013	20.942	-C.008
18.051	-0.055	18.066	-0.057	18.083	-0.018	18.099	-0.020	20.954	-C.002	20.960	-0.011	20.976	C.023	20.989	-C.028
18.114	-0.008	18.134	-0.024	18.152	-0.039	18.168	-0.061	21.003	C.007	21.014	-0.028	21.027	C.056	21.046	-C.058
18.182	-0.110	18.191	-0.138	18.200	-0.146	18.211	-0.126	21.057	-C.066	21.071	-0.101	21.086	-C.122	21.099	-C.143
18.226	-0.060	18.238	-0.007	18.256	0.004	18.272	0.017	21.111	-0.101	21.129	-0.179	21.141	-C.076	21.158	-C.127
18.287	0.029	18.301	0.041	18.315	0.053	18.334	0.045	21.169	-0.165	21.175	-0.082	21.187	-C.076	21.203	-C.077
18.350	-0.004	18.364	-0.039	18.380	-0.068	18.392	-0.116	21.215	-0.091	21.225	-0.092	21.240	-0.086	21.253	-C.080
18.406	-0.145	18.418	-0.139	18.431	-0.106	18.448	-0.067	21.264	-C.067	21.274	-0.055	21.286	-C.055	21.299	-C.063
18.467	-0.056	18.478	-0.110	18.492	-0.112	18.501	-0.112	21.311	-C.057	21.323	-0.058	21.339	-0.032	21.351	-C.008
18.517	-0.120	18.531	-0.128	18.543	-0.109	18.557	-0.104	21.362	0.027	21.373	0.040	21.387	C.080	21.398	C.086
18.570	-0.118	18.579	-0.133	18.599	-0.134	18.621	-0.116	21.412	0.071	21.422	-0.030	21.432	-0.025	21.444	-C.073
18.635	-0.151	18.651	-0.200	18.663	-0.228	18.675	-0.236	21.457	-C.094	21.469	-C.068	21.482	-C.042	21.495	-C.022
18.683	-0.264	18.698	-0.258	18.710	-0.219	18.716	-0.206	21.509	-0.030	21.522	-0.045	21.540	-C.053	21.553	-C.040
18.732	-C.187	18.746	-0.147	18.757	-0.101	18.772	-0.055	21.569	-0.034	21.578	-0.042	21.591	-C.049	21.603	-C.030
18.788	-0.015	18.804	0.024	18.813	0.043	18.835	0.035	21.617	-0.004	21.630	0.016	21.639	C.015	21.660	0.014
18.850	0.054	18.864	0.053	18.876	0.052	18.890	0.051	21.672	0.033	21.686	0.073	21.700	C.126	21.715	C.159
18.903	0.070	18.921	0.123	18.936	0.143	18.954	0.121	21.726	C.172	21.746	C.157	21.756	C.119	21.820	C.138
18.968	0.106	18.984	0.099	18.996	0.077	19.009	0.056	21.838	0.171	21.856	C.170	21.868	0.169	21.881	0.168
19.025	0.048	19.039	0.040	19.053	0.046	19.067	0.051	21.899	C.140	21.910	0.112	21.923	0.077	21.937	0.077
19.082	0.043	19.091	0.043	19.108	0.041	19.122	C.040	21.952	0.103	21.965	0.115	21.980	C.121	21.995	C.120
19.136	0.053	19.148	0.058	19.161	0.071	19.173	0.070	22.006	0.139	22.020	0.151	22.039	0.163	22.059	C.161
19.189	0.062	19.203	0.054	19.214	0.073	19.224	0.053	22.077	0.153	22.095	C.144	22.119	C.142	22.134	C.126
19.233	0.112	19.251	0.131	19.264	0.137	19.277	0.136	22.145	C.111	22.156	C.110	22.169	C.129	22.182	C.134
19.292	0.114	19.307	0.093	19.320	0.065	19.332	0.057	22.194	C.139	22.205	0.144	22.218	0.122	22.236	C.086
19.343	0.160	19.353	0.089	19.372	0.122	19.388	0.147	22.248	C.051	22.261	0.016	22.283	-C.001	22.303	-C.016
19.399	0.060	19.410	0.186	19.424	0.206	19.435	0.211	22.319	-0.025	22.340	-0.007	22.358	-0.007	22.358	-0.002
19.449	0.190	19.460	0.148	19.469	0.107	19.479	C.059	22.378	-C.025	22.391	-0.067	22.403	-C.122	22.415	-C.130
19.486	0.038	19.497	0.010	19.511	-0.005	19.527	-0.007	22.436	-0.085	22.450	-0.039	22.463	-C.013	22.479	-C.028
19.536	-0.001	19.550	-0.002	19.561	0.004	19.571	-0.017	22.491	-C.036	22.506	-0.051	22.512	-0.044	22.532	-C.012
19.583	-0.059	19.594	-0.094	19.606	-0.101	19.618	-0.089	22.546	-0.013	22.558	-C.007	22.571	-C.002	22.582	C.024
19.634	-0.063	19.646	-0.044	19.660	-0.038	19.673	-0.019	22.594	0.051	22.603	0.124	22.612	C.137	22.624	0.123
19.689	-0.027	19.701	-0.035	19.716	-0.030	19.730	-0.024	22.634	0.095	22.646	C.074	22.660	C.039	22.673	C.017

22.687	0.016	22.701	0.042	22.714	0.088	22.723	0.121	25.249	-0.080	25.301	-0.067	25.315	-0.049	25.322	-0.036
22.732	0.114	22.748	0.112	22.766	0.063	22.782	0.028	25.334	-0.003	25.345	0.009	25.355	-0.015	25.366	0.028
22.757	0.067	22.814	-0.015	22.826	-0.037	22.840	-0.065	25.376	0.033	25.389	0.032	25.405	0.010	25.414	0.002
22.855	-0.107	22.861	-0.108	22.886	-0.124	22.900	-0.091	25.420	0.002	25.430	0.014	25.436	0.021	25.444	0.020
22.911	-0.072	22.926	-0.059	22.943	-0.061	22.954	-0.049	25.455	0.019	25.466	0.018	25.475	0.010	25.485	-0.005
22.971	-0.016	22.985	0.016	23.001	0.028	23.017	0.013	25.457	-0.013	25.506	-0.041	25.516	-0.055	25.528	-0.083
23.031	-0.015	23.042	-0.030	23.063	-0.005	23.081	0.000	25.539	-0.091	25.547	-0.092	25.555	-0.053	25.564	-0.100
23.099	-0.001	23.110	-0.030	23.125	-0.052	23.147	-0.027	25.572	-0.108	25.577	-0.115	25.587	-0.116	25.595	-0.117
23.166	-0.008	23.188	0.003	23.211	0.008	23.231	0.013	25.603	-0.104	25.605	-0.091	25.613	-0.095	25.615	-0.085
23.242	0.018	23.260	0.030	23.277	0.062	23.299	0.026	25.622	-0.051	25.630	-0.052	25.636	-0.039	25.646	-0.047
23.326	0.010	23.336	0.002	23.355	-0.014	23.370	-0.069	25.655	-0.048	25.665	-0.048	25.679	-0.057	25.690	-0.071
23.387	-0.119	23.401	-0.147	23.411	-0.155	23.427	-0.143	25.658	-0.072	25.705	-0.059	25.713	-0.060	25.722	-0.060
23.442	-0.117	23.456	-0.105	23.466	-0.099	23.481	-0.115	25.729	-0.061	25.740	-0.076	25.749	-0.104	25.760	-0.105
23.493	-0.122	23.501	-0.116	23.511	-0.117	23.526	-0.099	25.774	-0.092	25.783	-0.080	25.798	-0.061	25.807	-0.041
23.543	-0.080	23.556	-0.068	23.570	-0.049	23.582	-0.030	25.820	-0.022	25.830	-0.009	25.836	0.004	25.848	-0.031
23.559	-0.011	23.613	-0.026	23.622	-0.047	23.636	-0.076	25.862	0.050	25.873	0.049	25.884	0.028	25.893	0.028
23.645	-0.090	23.668	-0.099	23.689	-0.101	23.703	-0.076	25.903	0.034	25.915	0.026	25.926	0.012	25.940	0.017
23.717	-0.050	23.730	-0.051	23.750	-0.046	23.770	-0.055	25.956	0.016	25.967	0.029	25.969	0.029	25.975	0.035
23.788	-0.050	23.804	-0.011	23.818	0.028	23.836	0.066	25.984	0.035	25.997	0.034	26.010	0.019	26.025	-0.002
23.850	0.065	23.869	0.049	23.881	0.041	23.892	0.026	26.034	-0.016	26.048	-0.024	26.061	-0.025	26.072	-0.025
23.910	0.004	23.925	-0.045	23.932	-0.059	23.941	-0.067	26.082	-0.013	26.087	0.007	26.103	0.034	26.114	0.040
23.952	-0.068	23.960	-0.069	23.971	-0.071	23.980	-0.085	26.119	0.053	26.134	0.072	26.144	0.071	26.154	0.071
23.985	-0.093	23.996	-0.101	24.006	-0.095	24.013	-0.076	26.167	0.070	26.174	0.069	26.183	0.069	26.194	0.055
24.024	-0.050	24.032	-0.037	24.042	-0.018	24.052	-0.033	26.205	0.047	26.216	0.019	26.227	0.019	26.234	0.025
24.107	-0.060	24.118	-0.061	24.127	-0.049	24.141	0.019	26.243	0.038	26.254	0.064	26.264	0.063	26.273	0.049
24.155	-0.045	24.168	-0.026	24.174	-0.000	24.184	0.019	26.286	0.028	26.293	0.000	26.302	-0.021	26.309	-0.042
24.238	0.019	24.251	0.004	24.263	-0.011	24.278	-0.019	26.319	-0.056	26.331	-0.050	26.343	-0.044	26.351	-0.038
24.292	-0.028	24.306	-0.016	24.318	0.003	24.333	0.022	26.360	-0.025	26.367	-0.026	26.378	-0.013	26.385	-0.020
24.347	0.006	24.364	-0.009	24.378	-0.004	24.392	-0.012	26.396	-0.021	26.407	-0.029	26.416	-0.023	26.424	-0.023
24.407	-0.021	24.423	-0.036	24.435	-0.017	24.449	0.002	26.436	-0.025	26.443	-0.025	26.451	-0.019	26.461	-0.006
24.464	0.002	24.482	0.018	24.495	0.024	24.505	0.022	26.468	0.006	26.476	0.006	26.483	-0.002	26.490	0.004
24.516	0.035	24.527	0.047	24.544	0.052	24.564	0.056	26.501	-0.003	26.505	0.010	26.520	0.008	26.525	-0.006
24.569	0.055	24.572	0.068	24.586	0.066	24.594	0.038	26.539	-0.020	26.552	-0.022	26.562	-0.036	26.571	-0.037
24.605	0.002	24.612	-0.026	24.618	-0.047	24.624	-0.082	26.579	-0.044	26.593	-0.046	26.603	-0.047	26.616	-0.041
24.634	-0.111	24.645	-0.120	24.658	-0.108	24.666	-0.103	26.625	-0.055	26.639	-0.050	26.648	-0.051	26.655	-0.058
24.670	-0.097	24.671	-0.083	24.687	-0.072	24.698	-0.046	26.665	-0.052	26.678	-0.053	26.686	-0.061	26.697	-0.055
24.703	-0.027	24.709	-0.017	24.709	-0.007	24.714	0.006	26.709	-0.049	26.719	-0.030	26.733	-0.031	26.745	-0.039
24.721	0.012	24.728	0.032	24.738	0.031	24.745	0.030	26.760	-0.040	26.765	-0.054	26.776	-0.055	26.790	-0.050
24.752	0.029	24.760	0.029	24.770	0.028	24.779	0.020	26.803	-0.051	26.814	-0.038	26.822	-0.032	26.834	-0.020
24.785	0.009	24.794	-0.009	24.800	-0.030	24.807	-0.044	26.845	-0.021	26.850	-0.021	26.854	-0.021	26.866	-0.002
24.814	-0.045	24.821	-0.059	24.832	-0.060	24.839	-0.061	26.874	0.011	26.881	0.010	26.892	-0.004	26.900	-0.005
24.846	-0.055	24.854	-0.055	24.864	-0.056	24.870	-0.050	26.913	-0.026	26.925	-0.027	26.936	-0.048	26.945	-0.036
24.884	-0.045	24.891	-0.032	24.899	-0.026	24.905	-0.026	26.964	-0.051	26.977	-0.058	26.985	-0.059	26.992	-0.059
24.911	-0.027	24.919	-0.027	24.922	-0.028	24.933	-0.042	26.997	-0.080	27.008	-0.055	27.018	-0.033	27.033	-0.090
24.940	-0.049	24.946	-0.057	24.956	-0.051	24.967	-0.045	27.045	-0.084	27.058	-0.064	27.065	-0.058	27.080	-0.053
24.975	-0.032	24.988	-0.013	25.000	-0.014	25.012	-0.008	27.092	-0.067	27.106	-0.061	27.118	-0.048	27.128	-0.036
25.023	-0.009	25.037	-0.003	25.044	-0.011	25.050	-0.018	27.143	-0.023	27.153	-0.037	27.165	-0.045	27.171	-0.052
25.059	-0.026	25.064	-0.046	25.073	-0.054	25.082	-0.055	27.182	-0.060	27.194	-0.040	27.205	-0.034	27.216	-0.008
25.088	-0.055	25.096	-0.042	25.104	-0.029	25.112	-0.030	27.223	-0.002	27.232	-0.004	27.245	0.004	27.256	-0.009
25.124	-0.018	25.134	-0.012	25.140	0.001	25.145	0.008	27.269	0.002	27.284	-0.003	27.297	-0.061	27.309	-0.062
25.154	-0.007	25.162	-0.028	25.175	-0.036	25.179	-0.036	27.320	-0.049	27.334	-0.030	27.348	-0.024	27.357	-0.004
25.189	-0.030	25.197	-0.017	25.203	-0.011	25.208	0.002	27.372	-0.001	27.381	-0.006	27.395	-0.021	27.414	-0.015
25.223	0.014	25.230	0.007	25.240	-0.028	25.245	-0.042	27.427	-0.023	27.439	-0.024	27.454	-0.018	27.466	-0.015
25.248	-0.049	25.256	-0.077	25.264	-0.078	25.275	-0.052	27.483	-0.013	27.500	-0.035	27.511	-0.050	27.528	-0.058
								27.544	-0.046	27.554	-0.033	27.567	-0.014	27.578	-0.008
								27.555	-0.003	27.666	-0.003	27.619	-0.005	27.631	0.001

27.640	C.000	27.649	0.013	27.661	0.032	27.673	0.052	30.603	-0.056	30.637	-0.073	30.659	-0.075	30.684	-0.070
27.686	0.057	27.696	0.056	27.712	0.055	27.734	0.053	30.706	-0.038	30.719	-0.019	30.741	-0.008	30.767	-0.017
27.745	C.052	27.757	0.031	27.771	0.009	27.783	-0.026	30.789	-0.053	30.811	-0.055	30.830	-0.050	30.850	-0.045
27.797	-0.081	27.811	-0.082	27.825	-0.090	27.837	-0.098	30.866	-0.080	30.888	-0.055	30.909	-0.057	30.926	-0.052
27.851	-0.099	27.864	-0.100	27.872	-0.094	27.883	-0.089	30.946	-0.066	30.963	-0.067	30.985	-0.076	31.006	-0.050
27.856	-0.090	27.907	-0.077	27.918	-0.065	27.930	-0.039	31.017	-0.038	31.037	-0.040	31.050	-0.041	31.066	-0.029
27.939	-0.033	27.952	-0.020	27.962	-0.028	27.975	-0.043	31.079	-0.030	31.090	-0.031	31.115	-0.033	31.133	-0.048
27.990	-0.071	28.004	-0.099	28.027	-0.095	28.037	-0.082	31.153	-0.077	31.174	-0.079	31.201	-0.034	31.223	-0.050
28.110	-0.048	28.118	-0.049	28.130	-0.023	28.135	-0.025	31.241	-0.045	31.260	-0.020	31.281	C.005	31.295	C.004
28.159	-0.033	28.173	-0.028	28.186	-0.029	28.206	-0.038	31.308	0.003	31.318	0.022	31.334	0.041	31.355	0.059
28.215	-0.033	28.231	-0.061	28.247	-0.050	28.260	-0.037	31.378	C.064	31.400	0.035	31.421	0.012	31.444	0.003
28.278	-0.033	28.297	-0.055	28.307	-0.090	28.323	-0.098	31.466	0.028	31.481	0.020	31.499	-0.002	31.516	-0.004
28.323	-0.058	28.336	-0.093	28.350	-0.067	28.364	-0.069	31.542	0.021	31.563	0.040	31.576	C.046	31.609	C.023
28.375	-0.049	28.384	-0.044	28.395	-0.045	28.404	-0.039	31.632	0.015	31.650	0.000	31.677	-0.042	31.695	-0.064
28.417	-0.033	28.429	-0.028	28.440	-0.022	28.450	-0.016	31.721	-0.059	31.742	-0.060	31.764	-0.062	31.787	-0.016
28.458	-0.017	28.475	-0.046	28.488	-0.054	28.498	-0.082	31.804	0.017	31.826	0.002	31.843	-0.047	31.863	-0.048
28.514	-0.083	28.536	-0.085	28.552	-0.087	28.568	-0.095	31.892	-0.002	31.908	0.024	31.937	C.029	31.960	0.035
28.585	-0.097	28.599	-0.071	28.615	-0.072	28.631	-0.081	32.037	C.034	32.054	0.037	32.068	C.049	32.089	0.048
28.642	-0.089	28.653	-0.103	28.662	-0.097	28.672	-0.098	32.104	0.047	32.115	0.054	32.130	C.066	32.140	C.093
28.683	-0.099	28.701	-0.107	28.713	-0.136	28.727	-0.130	32.158	0.092	32.178	0.084	32.193	C.076	32.204	C.083
28.739	-0.124	28.746	-0.132	28.757	-0.139	28.768	-0.140	32.211	0.089	32.225	0.055	32.247	C.101	32.254	C.100
28.778	-0.127	28.786	-0.121	28.799	-0.109	28.808	-0.110	32.272	0.079	32.291	0.077	32.317	C.062	32.335	C.061
28.814	-0.090	28.829	-0.084	28.838	-0.078	28.853	-0.066	32.348	C.046	32.371	C.031	32.398	C.043	32.420	C.028
28.865	-0.066	28.873	-0.067	28.889	-0.067	28.901	-0.081	32.442	C.026	32.453	C.025	32.477	-0.017	32.502	-0.026
28.909	-0.089	28.917	-0.089	28.930	-0.076	28.949	-0.084	32.526	-0.027	32.548	-0.043	32.568	-0.045	32.589	-0.073
28.960	-0.134	28.973	-0.106	28.988	-0.120	28.996	-0.134	32.619	-0.089	32.643	-0.071	32.669	-0.059	32.693	-0.068
29.009	-0.091	29.018	-0.135	29.025	-0.122	29.037	-0.122	32.718	-0.070	32.743	-0.065	32.761	-0.080	32.782	-0.089
29.051	-0.123	29.062	-0.137	29.073	-0.158	29.089	-0.166	32.809	-0.091	32.831	-0.058	32.854	-0.033	32.878	-0.048
29.103	-0.135	29.109	-0.146	29.122	-0.133	29.132	-0.120	32.858	-0.066	32.912	-0.071	32.928	-0.092	32.947	-0.094
29.144	-0.087	29.154	-0.081	29.166	-0.075	29.175	-0.068	32.963	-0.088	32.980	-0.063	33.001	-0.105	33.026	-0.113
29.186	-0.056	29.197	-0.049	29.208	-0.030	29.225	-0.031	33.040	-0.121	33.065	-0.130	33.080	-0.097	33.094	-0.084
29.242	-0.032	29.255	-0.039	29.264	-0.047	29.279	-0.027	33.112	-0.079	33.128	-0.073	33.139	-0.067	33.161	-0.076
29.291	-0.042	29.307	-0.043	29.316	-0.036	29.325	-0.030	33.180	-0.084	33.202	-0.085	33.217	-0.093	33.236	-0.108
29.333	-0.017	29.344	-0.024	29.361	-0.032	29.379	-0.047	33.260	-0.103	33.274	-0.058	33.291	-0.112	33.302	-0.113
29.398	-0.055	29.410	-0.055	29.419	-0.056	29.431	-0.056	33.322	-0.067	33.343	-0.076	33.361	-0.043	33.382	-0.024
29.441	-0.037	29.453	-0.031	29.469	-0.045	29.488	-0.053	33.415	-0.081	33.436	-0.109	33.451	-0.101	33.471	-0.131
29.502	-0.054	29.513	-0.048	29.527	-0.035	29.543	-0.064	33.494	-0.132	33.494	-0.113	33.512	-0.101	33.532	-0.130
29.556	-0.072	29.565	-0.079	29.581	-0.080	29.595	-0.055	33.556	-0.131	33.577	-0.146	33.598	-0.155	33.621	-0.156
29.608	-0.042	29.621	-0.037	29.635	-0.031	29.644	-0.018	33.640	-0.154	33.667	-0.160	33.692	-0.155	33.712	-0.142
29.659	-0.019	29.669	-0.020	29.682	-0.042	29.698	-0.057	33.733	-0.117	33.756	-0.058	33.778	-0.100	33.793	-0.101
29.715	-0.086	29.723	-0.060	29.734	-0.048	29.745	-0.035	33.810	-0.075	33.830	-0.077	33.847	-0.099	33.866	-0.093
29.754	-0.016	29.764	-0.004	29.776	-0.015	29.789	-0.020	33.886	-0.082	33.914	-0.050	33.938	-0.032	33.960	-0.034
29.800	0.026	29.810	0.031	29.829	0.029	29.839	0.028	33.980	-0.076	34.000	-0.077	34.018	-0.058	34.041	-0.054
29.853	0.026	29.866	0.045	29.878	0.064	29.889	0.090	34.053	-0.048	34.080	-0.043	34.101	-0.045	34.125	-0.040
29.900	C.105	29.914	0.101	29.930	0.086	29.947	0.057	34.151	-0.028	34.172	-0.030	34.197	-0.025	34.223	-0.007
29.958	0.063	29.964	0.069	29.978	0.082	29.991	0.067	34.248	0.032	34.273	0.030	34.291	-0.006	34.305	0.013
30.005	0.085	30.017	0.064	30.025	0.057	30.039	0.049	34.328	0.025	34.345	0.031	34.362	C.036	34.382	C.028
30.111	C.036	30.118	0.050	30.136	0.048	30.154	C.034	34.398	0.013	34.415	0.005	34.433	C.017	34.446	0.049
30.171	0.019	30.182	-0.002	30.201	-0.010	30.215	-0.005	34.469	0.088	34.496	0.078	34.522	C.055	34.535	0.047
30.233	-0.016	30.246	-0.014	30.260	-0.049	30.273	-0.050	34.563	0.085	34.581	0.077	34.600	C.095	34.623	0.086
30.291	-0.058	30.312	-0.060	30.330	-0.048	30.344	-0.036	34.642	0.016	34.662	0.021	34.681	C.019	34.658	C.038
30.351	-0.030	30.367	-0.017	30.377	-0.025	30.387	-0.033	34.714	0.043	34.732	0.015	34.751	C.013	34.770	-0.016
30.405	-0.008	30.432	-0.010	30.453	-0.033	30.473	-0.015	34.795	-0.025	34.815	-0.007	34.840	C.052	34.855	C.072
30.501	-0.004	30.525	-0.027	30.553	-0.010	30.576	-0.026	34.878	0.063	34.891	0.048	34.911	C.046	34.927	0.052
								34.943	C.070	34.965	0.082	34.977	0.088	34.987	C.094

35.000	0.086	35.007	0.085	35.022	0.091	35.032	0.084	39.125	-C.024	39.152	C.008	39.181	C.012	39.199	0.011
35.047	0.069	35.065	0.061	35.082	0.087	35.095	0.100	39.224	0.036	39.244	0.055	39.269	C.053	39.256	0.031
35.100	0.099	35.126	0.098	35.140	0.090	35.152	0.062	39.319	0.025	39.347	0.046	39.366	C.038	39.381	C.023
35.170	0.088	35.183	0.088	35.198	0.114	35.209	0.113	39.406	-C.007	39.435	-0.036	39.458	-0.025	39.486	-0.021
35.226	0.112	35.239	0.077	35.248	0.029	35.259	0.063	39.511	-0.017	39.536	0.015	39.553	C.027	39.578	C.045
35.266	0.049	35.275	0.068	35.282	0.088	35.289	0.094	39.602	C.063	39.623	0.075	39.662	0.079	39.680	0.064
35.300	0.107	35.306	0.107	35.318	0.106	35.338	0.084	39.707	C.048	35.723	0.047	35.745	C.038	35.770	C.036
35.352	0.056	35.373	0.048	35.390	0.047	35.405	0.032	39.794	0.048	39.808	0.054	39.831	0.038	39.850	0.023
35.417	0.011	35.435	0.003	35.448	0.002	35.459	C.001	35.473	C.015	39.904	C.026	35.930	C.030	39.954	0.049
35.480	0.000	35.493	-0.015	35.511	-0.043	35.533	-0.051	39.983	0.060	40.003	0.058	40.024	C.056	40.041	0.048
35.543	-0.038	35.563	-0.019	35.583	-0.007	35.605	-0.035	40.065	0.046	40.092	0.043	40.113	-0.008	40.134	0.016
35.624	-0.091	35.640	-0.105	35.658	-0.147	35.674	-0.121	40.163	0.003	40.181	0.001	40.213	-0.008	40.244	0.016
35.691	-0.081	35.700	-0.082	35.715	-0.103	35.729	-0.151	40.269	0.021	40.294	0.019	40.316	C.010	40.334	0.002
35.738	-0.179	35.748	-0.180	35.760	-0.126	35.779	-0.093	40.358	-0.007	40.392	-0.010	40.408	-0.011	40.430	-0.020
35.793	-0.080	35.806	-0.074	35.830	-0.074	35.846	-0.102	40.448	-0.049	40.470	-0.058	40.491	-0.066	40.511	-0.075
35.858	-0.130	35.873	-0.151	35.886	-0.144	35.896	-0.138	40.535	-0.091	40.558	-0.106	40.581	-0.129	40.616	-0.125
35.915	-0.125	35.940	-0.112	35.956	-0.120	35.971	-0.141	40.722	-0.134	40.741	-0.122	40.760	-0.117	40.785	-0.126
35.983	-0.161	36.003	-0.142	36.025	-0.095	36.051	-0.103	40.800	-0.141	40.825	-0.129	40.848	-0.131	40.875	-0.133
36.067	-0.138	36.079	-0.152	36.097	-0.152	36.119	-0.112	40.890	-0.128	40.913	-0.123	40.933	-0.118	40.952	-0.132
36.144	-0.100	36.159	-0.087	36.177	-0.088	36.195	-0.075	40.973	-0.120	40.990	-0.100	41.014	-0.087	41.031	-0.095
36.207	-0.075	36.223	-0.103	36.238	-0.131	36.256	-0.125	41.048	-0.056	41.074	-0.090	41.095	-0.071	41.119	-0.065
36.277	-0.119	36.285	-0.113	36.299	-0.079	36.324	-0.087	41.138	-0.079	41.158	-0.067	41.174	-0.067	41.185	-0.061
36.339	-0.102	36.358	-0.116	36.377	-0.097	36.393	-0.064	41.194	-0.061	41.203	-0.048	41.218	-0.042	41.227	-0.036
36.401	-0.023	36.421	-0.045	36.443	-0.113	36.461	-0.107								
36.482	-0.122	36.504	-0.102	36.521	-0.076	36.540	-0.056								
36.543	-0.057	36.578	-0.071	36.603	-0.072	36.612	-0.072								
36.627	-0.073	36.645	-0.060	36.667	-0.060	36.686	-0.088								
36.711	-0.075	36.735	-0.062	36.753	-0.049	36.776	-0.049								
36.798	0.004	36.815	0.031	36.834	0.017	36.858	-0.003								
36.873	0.016	36.895	0.022	36.922	-0.013	36.939	-0.020								
36.966	-0.068	36.983	0.012	37.011	0.011	37.027	-0.010								
37.055	-0.025	37.083	0.014	37.111	0.019	37.142	0.004								
37.171	0.016	37.187	0.043	37.208	0.048	37.233	0.047								
37.256	0.060	37.271	0.066	37.293	0.051	37.312	0.044								
37.337	0.036	37.359	0.014	37.380	-0.001	37.400	-0.023								
37.422	-0.038	37.448	-0.006	37.473	0.026	37.491	0.024								
37.508	0.036	37.530	0.034	37.546	-0.001	37.573	-0.017								
37.589	-0.012	37.614	0.006	37.652	0.016	37.678	0.027								
37.708	0.018	37.741	-0.019	37.761	-0.034	37.785	-0.009								
37.808	-0.031	37.841	-0.061	37.867	-0.056	37.891	-0.031								
37.917	-0.013	37.947	-0.016	37.962	-0.037	37.984	-0.039								
*38.000	-0.034	38.005	-0.028	38.016	-0.042	38.027	-0.049								
38.034	-0.036	38.035	-0.049	38.042	-0.049	38.052	-0.036								
38.060	-0.009	38.074	0.011	38.092	0.001	38.105	0.004								
38.124	-0.003	38.130	-0.004	38.143	-0.005	38.163	0.008								
38.179	0.007	38.194	0.019	38.209	0.025	38.224	0.024								
38.243	C.036	38.260	0.041	38.280	0.039	38.297	0.031								
38.319	0.015	38.338	-0.014	38.357	-0.043	38.388	-0.046								
38.415	-0.055	38.435	-0.057	38.454	-0.065	38.485	-0.075								
38.510	-0.057	38.528	-0.045	38.554	-0.047	38.566	-0.055								
38.599	-0.050	38.616	-0.051	38.632	-0.066	38.653	-0.054								
38.672	-0.021	38.692	-0.002	38.715	-0.017	38.736	-0.053								
38.759	-0.061	38.779	-0.042	38.800	-0.043	38.824	-0.038								
38.847	-0.040	38.871	-0.028	38.896	-0.030	38.917	-0.038								
38.946	-0.048	38.972	-0.037	38.993	-0.046	39.019	-0.048								
39.033	-0.036	39.060	-0.032	39.080	-0.047	39.107	-0.036								

IR249

71.196 2/9/71 0600PST LA 1900 AVENUE OF THE STARS BSMT. UP

3085 POINTS 41.227 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR
ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0936 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.070	0.007	-0.066	0.016	-0.066	0.023	-0.071	1.082	-0.251	1.086	-0.261	1.095	-0.248	1.100	-0.215
0.030	-0.071	0.036	-0.067	0.039	-0.062	0.046	-0.048	1.104	-0.178	1.108	-0.127	1.112	-0.095	1.116	-0.058
0.051	-0.044	0.058	-0.034	0.064	-0.035	0.069	-0.044	1.121	-0.035	1.127	-0.035	1.134	-0.054	1.141	-0.073
0.077	-0.049	0.083	-0.044	0.089	-0.021	0.095	0.006	1.146	-0.087	1.153	-0.087	1.164	-0.083	1.174	-0.093
0.102	0.024	0.111	0.043	0.116	0.042	0.124	0.042	1.181	-0.093	1.189	-0.080	1.194	-0.066	1.202	-0.029
0.132	0.018	0.139	-0.020	0.146	-0.053	0.150	-0.090	1.209	-0.011	1.216	-0.003	1.225	-0.016	1.234	0.016
0.157	-0.123	0.163	-0.147	0.170	-0.166	0.176	-0.161	1.243	0.015	1.249	0.006	1.254	-0.013	1.259	-0.027
0.181	-0.157	0.188	-0.148	0.193	-0.125	0.203	-0.098	1.266	-0.037	1.271	-0.037	1.279	-0.019	1.283	-0.001
0.208	-0.070	0.213	-0.029	0.218	0.013	0.223	0.068	1.289	0.018	1.295	0.022	1.303	0.022	1.311	0.012
0.233	0.114	0.238	0.133	0.243	0.132	0.251	0.132	1.320	-0.002	1.326	-0.017	1.328	-0.022	1.335	-0.022
0.261	0.122	0.268	0.103	0.274	0.084	0.283	0.065	1.349	-0.014	1.353	0.000	1.359	0.014	1.367	0.027
0.290	0.046	0.296	0.032	0.305	0.017	0.312	0.026	1.380	0.008	1.385	0.007	1.394	-0.007	1.398	-0.026
0.320	0.025	0.327	0.006	0.334	-0.008	0.342	-0.009	1.405	-0.045	1.409	-0.045	1.416	-0.032	1.420	-0.013
0.352	-0.038	0.360	-0.062	0.363	-0.071	0.370	-0.090	1.424	0.005	1.430	0.023	1.434	0.023	1.441	0.009
0.376	-0.119	0.383	-0.124	0.392	-0.120	0.399	-0.106	1.444	-0.005	1.450	-0.034	1.453	-0.052	1.457	-0.062
0.406	-0.074	0.412	-0.061	0.419	-0.029	0.426	-0.002	1.463	-0.072	1.472	-0.081	1.481	-0.082	1.488	-0.073
0.431	0.007	0.438	0.016	0.442	0.016	0.450	0.006	1.492	-0.045	1.501	-0.022	1.506	0.005	1.511	0.028
0.455	-0.018	0.459	-0.037	0.465	-0.060	0.470	-0.089	1.517	0.046	1.523	0.065	1.528	0.060	1.534	0.045
0.473	-0.098	0.477	-0.099	0.482	-0.108	0.487	-0.099	1.541	0.008	1.546	-0.016	1.556	-0.030	1.565	-0.059
0.493	-0.091	0.500	-0.058	0.504	-0.045	0.509	-0.041	1.577	-0.059	1.586	-0.055	1.598	-0.051	1.603	-0.051
0.517	-0.055	0.522	-0.079	0.527	-0.088	0.534	-0.103	1.614	-0.057	1.627	-0.071	1.636	-0.086	1.648	-0.091
0.540	-0.099	0.548	-0.086	0.558	-0.063	0.564	-0.059	1.661	-0.082	1.666	-0.073	1.673	-0.050	1.686	-0.032
0.570	-0.050	0.578	-0.042	0.587	-0.033	0.594	-0.034	1.694	-0.019	1.699	0.018	1.704	0.032	1.712	0.055
0.604	-0.034	0.610	-0.035	0.619	-0.036	0.630	-0.046	1.719	0.045	1.722	0.041	1.733	0.036	1.739	0.049
0.639	-0.061	0.644	-0.070	0.653	-0.080	0.656	-0.076	1.746	0.054	1.752	0.072	1.757	0.081	1.763	0.085
0.663	-0.067	0.669	-0.040	0.677	0.006	0.681	0.029	1.769	0.085	1.777	0.061	1.780	0.029	1.786	-0.009
0.686	0.042	0.697	0.051	0.705	0.031	0.712	0.017	1.788	-0.032	1.794	-0.046	1.797	-0.056	1.803	-0.061
0.720	0.007	0.731	0.001	0.739	0.001	0.750	-0.005	1.812	-0.056	1.816	-0.038	1.821	-0.015	1.825	0.008
0.752	-0.010	0.758	-0.024	0.761	-0.043	0.766	-0.048	1.831	0.022	1.840	0.035	1.849	0.040	1.858	0.039
0.775	-0.053	0.781	-0.045	0.789	-0.031	0.794	-0.018	1.868	0.043	1.877	0.066	1.884	0.089	1.890	0.098
0.800	0.005	0.810	0.013	0.818	0.013	0.824	0.021	1.899	0.116	1.910	0.130	1.921	0.129	1.934	0.120
0.831	0.035	0.837	0.044	0.843	0.062	0.850	0.075	1.945	0.077	1.950	0.063	1.956	0.025	1.960	-0.026
0.858	0.074	0.864	0.069	0.873	0.064	0.878	0.059	1.964	-0.059	1.967	-0.091	1.973	-0.124	1.980	-0.138
0.884	0.068	0.891	0.082	0.900	0.076	0.906	0.067	1.984	-0.143	1.993	-0.097	1.998	-0.042	2.005	-0.023
0.913	0.038	0.919	0.019	0.922	0.005	0.927	-0.018	2.007	-0.000	2.012	-0.004	2.022	-0.024	2.033	-0.043
0.933	-0.033	0.941	-0.056	0.951	-0.071	0.964	-0.049	2.037	-0.067	2.045	-0.062	2.048	-0.030	2.054	-0.002
0.972	-0.007	0.980	0.020	0.993	0.047	1.003	0.065	2.063	0.020	2.068	0.034	2.073	0.052	2.081	0.071
1.013	0.069	1.023	0.069	1.031	0.059	1.039	0.044	2.086	0.089	2.093	0.107	2.101	0.102	2.108	0.065
1.048	0.007	1.054	-0.017	1.057	-0.064	1.063	-0.101	2.113	0.032	2.117	-0.001	2.128	-0.001	2.131	0.003
1.067	-0.134	1.070	-0.162	1.075	-0.200	1.079	-0.223	2.142	-0.002	2.148	-0.016	2.153	-0.040	2.157	-0.045

2.160	-0.049	2.167	-0.050	2.177	-0.032	2.183	-0.018	3.711	-0.091	3.720	-0.059	3.723	-0.027	3.730	0.010
2.191	0.010	2.196	0.028	2.200	0.037	2.205	0.046	3.737	0.062	3.746	0.065	3.749	0.056	3.759	0.041
2.212	0.037	2.220	0.008	2.226	-0.011	2.231	-0.043	3.768	-0.001	3.775	-0.025	3.780	-0.053	3.787	-0.105
2.240	-0.058	2.245	-0.077	2.254	-0.100	2.257	-0.105	3.795	-0.142	3.806	-0.171	3.819	-0.192	3.825	-0.178
2.263	-0.110	2.273	-0.087	2.281	-0.069	2.289	-0.051	3.831	-0.167	3.842	-0.191	3.851	-0.192	3.859	-0.178
2.298	-0.051	2.305	-0.061	2.311	-0.066	2.320	-0.057	3.865	-0.151	3.869	-0.128	3.880	-0.105	3.889	-0.101
2.327	-0.034	2.334	-0.011	2.340	0.012	2.348	0.012	3.894	-0.092	3.903	-0.060	3.911	-0.018	3.918	0.032
2.355	-0.003	2.363	-0.012	2.367	-0.022	2.370	-0.036	3.925	0.097	3.934	0.134	3.941	0.143	3.954	0.147
2.374	-0.041	2.382	-0.046	2.389	-0.023	2.394	-0.005	3.961	0.128	3.972	0.081	3.977	0.053	3.984	0.020
2.398	0.014	2.402	0.028	2.409	0.046	2.414	0.060	3.998	0.005	4.004	-0.009	4.013	-0.052	4.024	-0.066
2.417	0.078	2.423	0.087	2.428	0.101	2.436	0.114	4.031	-0.062	4.038	-0.062	4.046	-0.081	4.052	-0.110
2.445	0.109	2.448	0.114	2.452	0.123	2.460	0.122	4.060	-0.133	4.068	-0.148	4.073	-0.143	4.081	-0.111
2.470	0.117	2.478	0.112	2.483	0.121	2.492	0.126	4.089	-0.079	4.096	-0.061	4.107	-0.061	4.114	-0.061
2.496	0.130	2.501	0.148	2.509	0.153	2.514	0.148	4.124	-0.025	4.132	0.012	4.141	0.044	4.149	0.035
2.521	0.133	2.527	0.110	2.538	0.091	2.546	0.086	4.159	0.016	4.169	0.006	4.179	0.015	4.184	0.014
2.551	0.072	2.556	0.043	2.560	0.015	2.563	-0.013	4.195	0.014	4.202	0.004	4.210	-0.001	4.219	0.017
2.569	-0.050	2.573	-0.078	2.582	-0.107	2.587	-0.125	4.226	0.026	4.233	0.045	4.241	0.035	4.249	0.021
2.599	-0.149	2.606	-0.136	2.620	-0.127	2.632	-0.128	4.254	-0.008	4.262	-0.013	4.269	-0.008	4.274	-0.013
2.638	-0.119	2.643	-0.100	2.651	-0.077	2.661	-0.050	4.285	0.031	4.293	0.051	4.302	-0.042	4.307	-0.029
2.667	-0.008	2.673	0.029	2.679	0.061	2.685	0.070	4.318	0.031	4.323	0.059	4.332	0.068	4.337	0.063
2.691	0.093	2.698	0.120	2.701	0.134	2.706	0.148	4.348	0.058	4.353	0.058	4.362	0.048	4.368	0.034
2.712	0.138	2.717	0.124	2.723	0.087	2.726	0.054	4.377	0.001	4.382	-0.018	4.390	-0.033	4.398	-0.052
2.731	0.017	2.738	-0.026	2.741	-0.044	2.744	-0.059	4.410	-0.057	4.415	-0.076	4.420	-0.094	4.428	-0.118
2.750	-0.082	2.756	-0.096	2.762	-0.097	2.766	-0.092	4.439	-0.133	4.448	-0.124	4.460	-0.092	4.472	-0.055
2.807	-0.160	2.807	-0.169	2.824	-0.170	2.831	-0.141	4.478	-0.032	4.486	0.023	4.492	0.042	4.498	0.055
2.837	-0.143	2.840	-0.120	2.847	-0.092	2.854	-0.069	4.538	-0.016	4.552	0.034	4.558	0.043	4.565	0.052
2.860	-0.046	2.867	-0.047	2.875	-0.047	2.884	-0.038	4.574	0.033	4.585	0.009	4.590	-0.015	4.597	-0.033
2.882	-0.020	2.889	0.008	2.894	0.012	2.901	0.035	4.601	0.066	4.606	0.118	4.613	-0.155	4.620	-0.188
2.910	0.035	2.917	0.025	2.926	0.025	2.932	0.029	4.631	-0.212	4.638	-0.203	4.644	-0.185	4.654	-0.171
2.939	0.033	2.945	0.042	2.953	0.051	2.964	0.041	4.666	-0.125	4.678	-0.079	4.685	-0.029	4.691	-0.001
2.971	0.013	2.978	0.008	2.984	-0.016	2.989	-0.021	4.699	0.040	4.706	0.049	4.711	0.049	4.723	0.053
2.995	-0.021	3.003	-0.008	3.009	0.006	3.014	0.029	4.734	0.062	4.740	0.076	4.745	0.085	4.756	0.079
3.019	0.057	3.024	0.084	3.033	0.116	3.038	0.116	4.760	0.070	4.766	0.066	4.774	0.027	4.782	-0.029
3.046	0.116	3.054	0.134	3.058	0.134	3.063	0.138	4.788	-0.071	4.797	-0.118	4.801	-0.151	4.812	-0.170
3.069	0.152	3.072	0.156	3.077	0.170	3.084	0.160	4.819	-0.161	4.836	-0.134	4.851	-0.116	4.860	-0.126
3.090	0.137	3.100	0.108	3.109	0.084	3.119	0.065	4.872	-0.126	4.887	-0.099	4.890	-0.086	4.893	-0.072
3.126	0.060	3.136	0.046	3.146	0.031	3.154	0.031	4.902	-0.040	4.910	-0.012	4.918	0.020	4.925	0.075
3.163	0.035	3.169	0.053	3.177	0.067	3.188	0.080	4.932	0.126	4.940	0.182	4.948	0.237	4.955	0.255
3.197	0.075	3.206	0.065	3.216	0.064	3.221	0.054	4.963	0.260	4.972	0.254	4.981	0.226	4.987	0.203
3.232	0.031	3.243	-0.007	3.255	-0.013	3.259	-0.022	4.998	0.156	5.005	0.090	5.010	0.020	5.015	-0.031
3.270	-0.023	3.282	-0.024	3.291	-0.015	3.299	-0.020	5.018	-0.082	5.021	-0.101	5.028	-0.129	5.047	-0.126
3.309	-0.035	3.316	-0.030	3.323	-0.045	3.332	-0.087	5.057	-0.149	5.070	-0.173	5.075	-0.169	5.086	-0.123
3.336	-0.092	3.341	-0.120	3.347	-0.172	3.356	-0.205	5.093	-0.076	5.107	-0.016	5.117	0.039	5.127	0.085
3.363	-0.205	3.365	-0.201	3.375	-0.146	3.384	-0.109	5.136	0.122	5.145	0.154	5.154	0.182	5.166	0.204
3.388	-0.086	3.394	-0.086	3.400	-0.064	3.405	-0.064	5.174	0.195	5.184	0.110	5.188	0.055	5.195	-0.030
3.413	-0.074	3.421	-0.088	3.427	-0.098	3.435	-0.107	5.203	-0.090	5.212	-0.128	5.225	-0.110	5.239	-0.073
3.445	-0.103	3.449	-0.148	3.459	-0.128	3.467	-0.151	5.250	-0.055	5.259	-0.056	5.266	-0.065	5.275	-0.098
3.474	-0.166	3.483	-0.148	3.489	-0.120	3.496	-0.088	5.283	-0.131	5.295	-0.164	5.302	-0.174	5.312	-0.146
3.534	-0.086	3.543	-0.035	3.548	-0.021	3.555	0.011	5.324	-0.114	5.334	-0.096	5.343	-0.105	5.350	-0.129
3.558	0.066	3.567	0.098	3.577	0.121	3.592	0.134	5.358	-0.166	5.370	-0.166	5.382	-0.125	5.388	-0.102
3.604	0.143	3.609	0.142	3.617	0.142	3.622	0.132	5.394	-0.065	5.404	-0.028	5.417	-0.028	5.428	-0.043
3.628	0.118	3.637	0.094	3.642	0.066	3.647	0.038	5.439	-0.057	5.445	-0.090	5.453	-0.118	5.460	-0.169
3.652	0.010	3.656	-0.018	3.659	-0.046	3.664	-0.065	5.470	-0.188	5.480	-0.165	5.489	-0.110	5.493	-0.045
3.671	-0.098	3.680	-0.108	3.690	-0.113	3.701	-0.109	5.501	0.025	5.509	0.141	5.515	0.229	5.520	0.247
								5.534	0.293	5.544	0.302	5.557	0.283	5.568	0.218

5.571	0.166	5.577	0.087	5.585	0.012	5.592	-0.048	7.351	0.105	7.357	0.156	7.364	0.211	7.370	0.252
5.599	-0.081	5.613	-0.082	5.621	-0.073	5.633	-0.105	7.378	0.266	7.387	0.256	7.396	0.204	7.406	0.064
5.644	-0.120	5.652	-0.125	5.662	-0.120	5.673	-0.139	7.417	-0.039	7.423	-0.077	7.429	-0.101	7.440	-0.088
5.677	-0.163	5.681	-0.177	5.686	-0.205	5.696	-0.219	7.451	-0.051	7.454	-0.037	7.460	-0.029	7.467	-0.043
5.703	-0.196	5.705	-0.182	5.713	-0.131	5.720	-0.076	7.481	-0.151	7.489	-0.231	7.501	-0.278	7.517	-0.284
5.734	0.021	5.738	0.035	5.752	0.058	5.762	0.072	7.528	-0.304	7.536	-0.328	7.546	-0.324	7.562	-0.274
5.774	0.099	5.779	0.164	5.784	0.243	5.790	0.271	7.575	-0.219	7.586	-0.118	7.600	-0.063	7.613	-0.009
5.796	0.322	5.801	0.396	5.809	0.410	5.810	0.410	7.631	0.045	7.631	0.045	7.645	0.026	7.650	0.020
5.817	0.335	5.825	0.172	5.827	0.042	5.836	-0.117	7.663	0.047	7.675	0.125	7.688	0.171	7.700	0.197
5.841	-0.219	5.848	-0.406	5.857	-0.536	5.864	-0.573	7.710	0.187	7.721	0.163	7.728	0.111	7.739	0.017
5.870	-0.574	5.871	-0.555	5.882	-0.439	5.892	-0.314	7.749	-0.067	7.766	-0.135	7.786	-0.201	7.800	-0.207
5.900	-0.189	5.905	-0.040	5.911	0.048	5.920	0.122	7.811	-0.213	7.825	-0.143	7.833	-0.061	7.841	0.017
5.923	0.141	5.928	0.150	5.936	0.140	5.943	0.103	7.855	0.100	7.872	0.117	7.886	0.130	7.897	0.156
5.954	0.056	5.956	0.056	5.973	0.121	5.986	0.139	7.906	0.225	7.917	0.285	7.927	0.298	7.937	0.283
6.003	0.157	6.017	0.193	6.030	0.323	6.041	0.406	7.944	0.213	7.950	0.147	7.955	0.063	7.964	-0.035
6.046	0.443	6.050	0.466	6.053	0.461	6.062	0.438	7.973	-0.129	7.981	-0.209	7.991	-0.252	8.004	-0.253
6.066	0.400	6.080	0.288	6.092	0.158	6.104	-0.024	8.015	-0.166	8.028	-0.009	8.038	0.162	8.048	0.278
6.117	-0.211	6.120	-0.234	6.121	-0.234	6.129	-0.277	8.057	0.351	8.067	0.397	8.076	0.392	8.084	0.359
6.133	-0.272	6.147	-0.207	6.156	-0.185	6.169	-0.148	8.090	0.303	8.094	0.261	8.099	0.214	8.110	0.176
6.177	-0.111	6.185	-0.070	6.193	-0.037	6.198	-0.028	8.119	0.171	8.135	0.225	8.141	0.272	8.148	0.290
6.203	-0.047	6.207	-0.075	6.217	-0.113	6.229	-0.141	8.162	0.312	8.169	0.307	8.179	0.250	8.191	0.166
6.238	-0.169	6.246	-0.184	6.254	-0.179	6.264	-0.110	8.200	0.063	8.210	-0.049	8.226	-0.180	8.238	-0.237
6.270	-0.013	6.282	0.164	6.290	0.317	6.297	0.382	8.246	-0.265	8.251	-0.261	8.261	-0.215	8.276	-0.137
6.300	0.386	6.315	0.320	6.324	0.246	6.337	0.152	8.294	-0.027	8.306	0.079	8.312	0.139	8.319	0.186
6.348	0.049	6.356	-0.044	6.362	-0.128	6.369	-0.193	8.321	0.213	8.329	0.208	8.336	0.166	8.343	0.086
6.379	-0.231	6.383	-0.236	6.394	-0.157	6.402	-0.083	8.350	0.002	8.358	-0.073	8.371	-0.157	8.384	-0.223
6.409	-0.023	6.416	0.032	6.422	0.079	6.429	0.074	8.393	-0.252	8.401	-0.248	8.417	-0.174	8.429	-0.096
6.441	0.041	6.449	-0.029	6.457	-0.067	6.457	-0.067	8.447	-0.037	8.458	-0.019	8.466	-0.042	8.469	-0.061
6.465	-0.040	6.473	0.030	6.479	0.132	6.486	0.168	8.483	-0.145	8.492	-0.206	8.503	-0.230	8.510	-0.212
6.494	0.210	6.499	0.209	6.504	0.181	6.519	0.097	8.519	-0.138	8.523	-0.092	8.532	-0.018	8.541	0.038
6.513	0.012	6.546	-0.040	6.561	-0.036	6.569	0.033	8.548	0.065	8.559	0.046	8.571	0.027	8.580	0.003
6.577	0.093	6.584	0.120	6.593	0.125	6.599	0.082	8.593	-0.007	8.602	-0.026	8.610	-0.059	8.622	-0.045
6.607	-0.025	6.614	-0.095	6.620	-0.142	6.628	-0.166	8.633	-0.009	8.640	-0.038	8.650	0.056	8.660	0.027
6.631	-0.166	6.639	-0.134	6.649	-0.060	6.656	0.014	8.672	-0.052	8.683	-0.137	8.698	-0.188	8.710	-0.217
6.663	0.064	6.668	0.092	6.672	0.106	6.678	0.124	8.721	-0.213	8.737	-0.181	8.748	-0.140	8.760	-0.108
6.686	0.110	6.695	0.053	6.704	-0.031	6.709	-0.078	8.774	-0.071	8.793	-0.040	8.804	-0.017	8.819	0.015
6.717	-0.102	6.723	-0.121	6.732	-0.130	6.740	-0.131	8.829	0.052	8.840	0.102	8.849	0.167	8.855	0.232
6.751	-0.122	6.759	-0.095	6.766	-0.063	6.771	-0.026	8.866	0.264	8.868	0.250	8.878	0.156	8.887	0.054
6.776	0.034	6.780	0.057	6.787	0.103	6.792	0.140	8.902	-0.059	8.917	-0.153	8.930	-0.181	8.936	-0.181
6.798	0.172	6.806	0.177	6.811	0.162	6.816	0.120	8.950	-0.098	8.957	-0.029	8.967	0.036	8.975	0.091
6.823	0.087	6.828	0.064	6.837	0.045	6.845	0.016	8.981	0.096	8.990	0.076	9.002	0.034	9.015	0.029
6.848	-0.003	6.851	-0.054	6.858	-0.143	6.868	-0.199	9.026	0.061	9.037	0.130	9.048	0.167	9.058	0.189
6.870	-0.232	6.875	-0.256	6.881	-0.237	6.886	-0.196	9.065	0.157	9.076	0.096	9.084	0.025	9.091	-0.068
6.892	-0.159	6.897	-0.122	6.903	-0.081	6.906	-0.053	9.100	-0.180	9.107	-0.283	9.118	-0.348	9.126	-0.405
6.911	-0.040	6.919	-0.040	6.925	-0.073	6.931	-0.125	9.138	-0.410	9.140	-0.415	9.145	-0.382	9.151	-0.322
6.937	-0.158	6.945	-0.182	6.953	-0.178	6.962	-0.155	9.170	-0.225	9.178	-0.156	9.184	-0.091	9.194	-0.059
6.969	-0.128	6.979	-0.063	6.986	0.011	6.997	0.145	9.206	-0.050	9.211	-0.042	9.224	-0.010	9.231	0.022
7.002	0.298	7.009	0.442	7.018	0.525	7.028	0.584	9.242	-0.050	9.246	-0.049	9.256	0.021	9.265	-0.017
7.038	0.584	7.047	0.564	7.061	0.428	7.071	0.279	9.278	-0.055	9.299	-0.075	9.313	-0.080	9.327	-0.081
7.084	0.129	7.096	-0.025	7.104	-0.147	7.110	-0.231	9.338	-0.114	9.342	-0.147	9.350	-0.166	9.364	-0.163
7.122	-0.274	7.137	-0.265	7.149	-0.183	7.157	-0.151	9.368	-0.116	9.377	-0.001	9.380	0.013	9.385	0.027
7.163	-0.142	7.177	-0.175	7.196	-0.163	7.204	-0.159	9.393	0.026	9.406	-0.012	9.417	-0.054	9.425	-0.087
7.223	-0.183	7.234	-0.138	7.244	-0.050	7.250	-0.009	9.433	-0.116	9.440	-0.111	9.451	-0.098	9.463	-0.071
7.262	0.037	7.263	0.037	7.270	0.009	7.283	-0.030	9.474	-0.026	9.482	-0.031	9.493	-0.069	9.504	-0.116
7.291	-0.026	7.299	-0.003	7.309	0.003	7.316	0.061	9.518	-0.215	9.529	-0.304	9.532	-0.332	9.540	-0.370
7.323	0.065	7.330	0.065	7.340	0.064	7.344	0.078	9.548	-0.366	9.558	-0.264	9.571	-0.102	9.581	0.032

9.592	0.142	9.601	0.193	9.620	0.206	9.635	0.195	11.830	-0.174	11.846	-0.176	11.863	-0.121	11.875	-0.089
9.644	0.199	9.651	0.203	9.666	0.202	9.676	0.160	11.889	-0.062	11.898	-0.049	11.913	-0.060	11.924	-0.074
9.693	0.028	9.702	-0.024	9.715	-0.085	9.729	-0.123	11.933	-0.103	11.942	-0.113	11.950	-0.090	11.963	-0.035
9.745	-0.120	9.753	-0.069	9.768	0.074	9.779	0.218	11.971	0.006	11.981	0.024	11.993	0.009	12.007	-0.011
9.794	0.295	9.807	0.295	9.822	0.275	9.826	0.270	12.016	-0.011	12.030	-0.013	12.041	-0.004	12.052	-0.005
9.843	0.199	9.855	0.110	9.875	0.039	9.886	-0.018	12.066	0.031	12.079	0.095	12.093	0.164	12.104	0.196
9.898	-0.019	9.911	-0.024	9.920	-0.048	9.934	0.054	12.113	0.209	12.125	0.181	12.137	0.138	12.149	0.077
9.943	-0.050	9.945	-0.045	9.959	0.010	9.970	0.036	12.161	0.011	12.173	-0.083	12.184	-0.158	12.192	-0.238
9.977	0.093	9.988	0.111	10.000	0.119	10.009	0.100	12.262	-0.294	12.231	-0.323	12.231	-0.315	12.246	-0.292
10.022	0.048	10.030	-0.003	10.035	-0.036	10.041	-0.074	12.262	-0.270	12.274	-0.248	12.290	-0.197	12.304	-0.143
10.053	-0.149	10.058	-0.158	10.069	-0.164	10.081	-0.136	12.317	-0.055	12.331	0.028	12.342	0.102	12.353	0.157
10.088	-0.113	10.097	-0.123	10.108	-0.133	10.122	-0.162	12.366	0.193	12.375	0.220	12.392	0.214	12.409	0.194
10.134	-0.176	10.145	-0.214	10.161	-0.210	10.169	0.127	12.427	0.198	12.442	0.229	12.458	0.246	12.470	0.241
10.179	-0.077	10.184	-0.012	10.190	0.058	10.199	0.085	12.485	0.202	12.501	0.136	12.511	0.108	12.526	0.088
10.208	0.075	10.217	0.065	10.225	0.042	10.236	-0.015	12.540	-0.077	12.554	-0.067	12.570	0.056	12.585	0.031
10.243	-0.043	10.251	-0.090	10.265	-0.091	10.268	-0.051	12.594	-0.012	12.608	-0.073	12.613	-0.120	12.630	-0.154
10.279	-0.124	10.291	-0.167	10.304	-0.210	10.312	-0.224	12.645	-0.142	12.665	-0.083	12.676	-0.057	12.691	-0.049
10.327	-0.267	10.343	-0.319	10.354	-0.339	10.372	-0.330	12.708	-0.031	12.724	0.009	12.741	0.082	12.753	0.146
10.387	-0.336	10.402	-0.323	10.416	-0.235	10.428	-0.162	12.764	-0.220	12.777	0.260	12.793	0.250	12.809	0.220
10.437	-0.079	10.450	-0.005	10.463	0.041	10.478	0.077	12.825	0.200	12.840	0.176	12.853	0.133	12.865	0.095
10.487	0.109	10.504	0.164	10.513	0.196	10.524	0.251	12.876	-0.071	12.885	0.061	12.896	0.065	12.907	0.079
10.531	0.301	10.535	0.334	10.546	0.370	10.557	0.360	12.916	0.088	12.928	0.059	12.937	0.017	12.946	-0.030
10.565	0.332	10.574	0.285	10.577	0.261	10.586	0.191	12.957	-0.105	12.967	-0.147	12.982	-0.209	12.998	-0.261
10.593	0.135	10.600	0.097	10.610	0.045	10.618	0.003	13.007	-0.280	13.018	-0.303	13.032	-0.299	13.042	-0.272
10.627	-0.045	10.635	-0.083	10.644	-0.079	10.658	-0.066	13.060	-0.231	13.067	-0.212	13.085	-0.185	13.100	-0.162
10.662	-0.048	10.669	-0.025	10.677	-0.007	10.687	-0.013	13.111	-0.130	13.129	-0.071	13.144	-0.048	13.158	-0.016
10.701	-0.009	10.708	-0.005	10.723	-0.011	10.733	-0.016	13.170	0.025	13.180	0.053	13.196	0.042	13.213	0.009
10.747	0.006	10.752	0.047	10.758	0.084	10.767	0.158	13.222	-0.001	13.240	0.002	13.258	0.006	13.267	-0.018
10.778	0.222	10.786	0.245	10.800	0.244	10.808	0.225	13.285	-0.061	13.291	-0.075	13.303	-0.090	13.322	-0.097
10.817	0.164	10.832	0.074	10.846	-0.006	10.861	-0.058	13.330	-0.125	13.348	-0.196	13.359	-0.230	13.371	-0.254
10.872	-0.040	10.880	-0.032	10.888	0.005	10.894	0.056	13.388	-0.251	13.400	-0.224	13.420	-0.188	13.435	-0.134
10.897	0.093	10.902	0.111	10.908	0.129	10.915	0.166	13.446	-0.102	13.463	-0.131	13.474	-0.178	13.487	-0.193
10.927	0.174	10.932	0.155	10.942	0.094	10.955	0.079	13.505	-0.204	13.521	-0.186	13.539	-0.127	13.552	-0.077
10.967	0.069	10.978	0.040	10.988	0.016	10.998	-0.013	13.572	-0.018	13.587	0.028	13.605	0.092	13.622	0.104
11.005	-0.069	11.010	-0.093	11.021	-0.122	11.028	-0.146	13.642	0.136	13.653	0.126	13.668	0.102	13.687	0.063
11.040	-0.161	11.048	-0.186	11.062	-0.178	11.068	-0.169	13.707	0.043	13.725	0.029	13.735	0.014	13.745	-0.019
11.073	-0.159	11.077	-0.132	11.088	-0.109	11.096	-0.100	13.757	-0.029	13.775	0.002	13.784	0.021	13.797	0.020
11.104	-0.073	11.114	-0.069	11.122	-0.093	11.131	-0.112	13.818	0.019	13.838	0.022	13.856	-0.002	13.877	-0.027
11.138	-0.113	11.145	-0.095	11.154	-0.058	11.161	-0.003	13.905	-0.029	13.923	0.021	13.937	0.076	13.948	0.127
11.169	0.025	11.177	0.033	11.185	0.024	11.193	-0.009	13.959	0.145	13.975	0.111	13.993	0.063	14.005	0.049
11.200	-0.015	11.210	-0.020	11.220	-0.067	11.229	0.002	14.024	0.043	14.045	0.027	14.066	-0.007	14.088	-0.014
11.240	0.006	11.245	0.019	11.253	0.047	11.260	0.093	14.103	-0.015	14.117	-0.049	14.130	-0.084	14.150	-0.047
11.268	0.134	11.275	0.171	11.284	0.203	11.292	0.202	14.163	-0.057	14.182	-0.096	14.193	-0.111	14.235	-0.109
11.303	0.178	11.315	0.145	11.323	0.093	11.329	0.032	14.249	-0.106	14.264	-0.065	14.277	-0.043	14.291	-0.034
11.335	-0.020	11.342	-0.044	11.349	-0.058	11.361	-0.040	14.305	-0.021	14.321	0.019	14.334	0.055	14.346	0.059
11.371	-0.004	11.381	0.060	11.387	0.120	11.398	0.199	14.368	0.030	14.386	0.015	14.407	0.038	14.423	0.041
11.406	0.240	11.412	0.239	11.421	0.211	11.431	0.135	14.437	0.068	14.451	0.067	14.469	0.010	14.484	-0.056
11.437	0.074	11.445	-0.001	11.451	-0.048	11.459	-0.095	14.501	-0.117	14.517	-0.160	14.535	-0.184	14.551	-0.180
11.472	-0.142	11.481	-0.180	11.495	-0.181	11.510	-0.192	14.571	-0.135	14.588	-0.113	14.608	-0.091	14.631	-0.087
11.521	-0.188	11.533	-0.156	11.542	-0.115	11.553	-0.046	14.653	-0.089	14.664	-0.094	14.681	-0.040	14.698	-0.038
11.563	0.065	11.571	0.106	11.580	0.152	11.588	0.174	14.712	0.074	14.732	0.096	14.750	0.100	14.767	0.056
11.605	0.159	11.615	0.154	11.629	0.153	11.641	0.156	14.784	0.004	14.792	-0.015	14.819	-0.022	14.835	-0.041
11.652	0.155	11.665	0.136	11.677	0.088	11.687	0.032	14.849	-0.061	14.862	-0.108	14.877	-0.147	14.889	-0.157
11.698	-0.039	11.710	-0.123	11.716	-0.184	11.724	-0.236	14.911	-0.126	14.927	-0.071	14.943	0.011	14.959	-0.052
11.734	-0.255	11.744	-0.247	11.755	-0.183	11.767	-0.156	14.981	0.060	15.008	0.049	15.025	0.015	15.042	-0.018
11.774	-0.147	11.788	-0.148	11.800	-0.153	11.813	-0.150	15.060	-0.024	15.082	0.007	15.096	0.024	15.118	0.046

15.140	0.068	15.158	0.099	15.177	0.144	15.192	0.198	19.197	-0.023	19.217	-0.019	19.237	-0.025	19.254	-0.021
15.207	0.239	15.219	0.238	15.242	0.199	15.262	0.160	19.267	-0.008	19.285	0.014	19.304	0.018	19.322	0.003
15.280	0.117	15.300	0.073	15.320	0.030	15.336	0.009	19.338	-0.012	19.356	0.013	19.372	0.004	19.389	0.018
15.350	-0.047	15.366	-0.067	15.381	-0.073	15.400	-0.037	19.408	0.040	19.428	0.039	19.446	0.019	19.461	-0.005
15.417	-0.016	15.431	0.006	15.450	0.033	15.466	0.078	19.485	-0.020	19.500	-0.044	19.519	-0.069	19.534	-0.079
15.477	0.119	15.490	0.150	15.505	0.145	15.527	0.110	19.551	-0.071	19.566	-0.058	19.581	-0.045	19.591	-0.040
15.550	0.108	15.569	0.097	15.581	0.082	15.594	0.040	19.601	-0.076	19.610	-0.037	19.624	-0.038	19.633	-0.034
15.605	-0.003	15.620	-0.056	15.631	-0.061	15.653	-0.049	19.666	-0.034	19.675	-0.064	19.688	-0.050	19.692	-0.055
15.669	-0.027	15.689	-0.005	15.708	0.012	15.724	0.038	19.745	-0.087	19.754	-0.092	19.763	-0.097	19.774	-0.102
15.740	0.079	15.751	0.110	15.763	0.123	15.783	0.089	19.783	-0.112	19.790	-0.125	19.804	-0.146	19.814	-0.151
15.803	0.050	15.824	0.011	15.836	-0.004	15.852	0.004	19.832	-0.143	19.845	-0.125	19.862	-0.112	19.873	-0.089
15.868	0.040	15.883	0.072	15.910	0.051	15.926	0.013	19.887	-0.076	19.894	-0.063	19.909	-0.022	19.918	0.001
15.945	-0.026	15.962	-0.050	15.984	-0.052	15.993	-0.076	19.927	-0.024	19.939	0.028	19.947	0.032	19.957	0.041
16.010	-0.086	16.025	-0.073	16.043	-0.042	16.053	-0.010	19.972	0.031	19.985	-0.003	19.994	-0.027	20.007	-0.051
16.073	0.011	16.094	-0.004	16.115	-0.019	16.135	0.002	20.021	-0.070	20.035	-0.076	20.048	-0.063	20.064	-0.045
16.151	0.006	16.165	-0.005	16.189	-0.039	16.207	-0.054	20.078	-0.027	20.093	-0.014	20.103	-0.001	20.115	-0.007
16.225	-0.041	16.239	-0.042	16.262	-0.058	16.277	-0.077	20.126	-0.007	20.143	-0.031	20.154	-0.041	20.168	-0.051
16.355	-0.013	16.369	-0.037	16.392	-0.076	16.415	-0.068	20.181	-0.057	20.197	-0.062	20.212	-0.073	20.228	-0.097
16.427	-0.054	16.455	-0.061	16.474	-0.062	16.491	-0.058	20.244	-0.112	20.264	-0.113	20.282	-0.105	20.294	-0.100
16.505	-0.036	16.522	-0.001	16.537	-0.023	16.551	-0.043	20.313	-0.087	20.328	-0.069	20.343	-0.047	20.358	-0.020
16.568	0.017	16.585	0.006	16.603	-0.014	16.622	-0.043	20.374	0.017	20.386	0.035	20.400	0.039	20.414	0.038
16.642	-0.049	16.664	-0.045	16.680	-0.023	16.704	0.040	20.429	0.038	20.441	0.046	20.453	0.041	20.474	0.016
16.721	0.067	16.740	0.071	16.760	0.079	16.785	0.077	20.490	0.011	20.503	0.001	20.520	-0.005	20.533	-0.015
16.804	0.085	16.820	0.121	16.834	0.138	16.848	0.146	20.548	-0.011	20.560	0.007	20.576	0.034	20.588	0.056
16.874	0.126	16.889	0.125	16.917	0.113	16.935	0.107	20.599	0.070	20.619	0.069	20.636	0.072	20.652	0.090
16.955	0.069	16.973	0.021	16.990	-0.004	17.016	-0.006	20.671	0.112	20.687	0.130	20.705	0.138	20.722	0.133
17.038	-0.012	17.060	-0.023	17.075	-0.015	17.094	0.007	20.733	0.132	20.747	0.113	20.760	0.117	20.772	0.139
17.121	0.000	17.139	-0.001	17.161	-0.003	17.182	-0.055	20.787	0.136	20.799	0.115	20.812	0.174	20.823	0.183
17.197	-0.088	17.210	-0.112	17.234	-0.118	17.265	-0.106	20.842	0.196	20.857	0.214	20.873	0.222	20.889	0.221
17.289	-0.088	17.308	-0.052	17.324	-0.039	17.341	-0.031	20.904	0.206	20.919	0.187	20.931	0.172	20.947	0.171
17.366	-0.055	17.380	-0.083	17.396	-0.112	17.424	-0.127	20.960	0.166	20.974	0.160	20.987	0.146	21.002	0.131
17.449	-0.123	17.473	-0.114	17.490	-0.101	17.510	-0.089	21.012	0.107	21.030	0.068	21.046	0.030	21.065	0.015
17.530	-0.057	17.544	-0.044	17.564	-0.041	17.589	-0.065	21.079	0.015	21.102	0.037	21.124	0.035	21.137	0.030
17.617	-0.076	17.641	-0.069	17.667	-0.034	17.687	0.002	21.154	0.025	21.167	0.019	21.182	0.028	21.201	0.036
17.706	0.042	17.731	0.082	17.747	0.085	17.771	0.041	21.219	0.040	21.233	0.039	21.248	0.043	21.265	0.033
17.794	0.002	17.820	-0.010	17.841	-0.021	17.867	-0.004	21.281	0.018	21.304	-0.011	21.323	-0.035	21.340	-0.054
17.884	-0.006	17.896	0.030	17.908	0.057	17.919	0.070	21.360	-0.074	21.371	-0.079	21.393	-0.066	21.409	-0.039
17.937	0.046	17.955	0.007	17.969	-0.059	17.988	-0.098	21.428	-0.021	21.444	-0.003	21.460	0.001	21.471	-0.019
18.007	-0.099	18.027	-0.064	18.046	-0.014	18.057	0.027	21.485	-0.028	21.502	-0.025	21.519	-0.025	21.542	-0.027
18.071	0.086	18.085	0.104	18.100	0.117	18.121	0.134	21.551	-0.036	21.568	-0.065	21.584	-0.089	21.596	-0.099
18.146	0.123	18.165	0.103	18.182	0.069	18.198	0.031	21.614	-0.109	21.629	-0.086	21.647	-0.050	21.659	-0.037
18.216	-0.017	18.232	-0.028	18.254	-0.006	18.273	0.012	21.678	-0.047	21.686	-0.061	21.702	-0.076	21.716	-0.076
18.292	0.029	18.309	0.056	18.325	0.106	18.339	0.128	21.731	-0.073	21.743	-0.068	21.758	-0.069	21.770	-0.074
18.361	0.150	18.387	0.172	18.409	0.171	18.424	0.123	21.784	-0.080	21.795	-0.080	21.812	-0.085	21.822	-0.095
18.443	0.066	18.460	0.033	18.475	0.009	18.494	-0.007	21.836	-0.091	21.848	-0.082	21.868	-0.065	21.882	-0.042
18.514	-0.003	18.533	0.014	18.551	0.023	18.569	0.031	21.897	-0.024	21.916	-0.007	21.932	-0.021	21.949	-0.031
18.590	0.077	18.608	0.014	18.622	0.046	18.639	0.068	21.968	-0.041	21.988	-0.052	22.004	-0.048	22.019	-0.054
18.656	0.006	18.670	0.062	18.692	0.028	18.703	0.004	22.033	-0.050	22.050	-0.037	22.069	-0.029	22.084	-0.016
18.722	-0.011	18.739	-0.017	18.757	-0.008	18.767	-0.004	22.101	-0.008	22.113	0.000	22.129	0.008	22.141	0.003
18.784	0.004	18.803	0.003	18.815	0.002	18.827	0.025	22.159	-0.013	22.175	-0.019	22.195	-0.007	22.209	0.020
18.844	0.042	18.863	0.051	18.878	0.050	18.899	0.026	22.225	0.042	22.243	0.054	22.258	0.067	22.276	0.065
18.914	-0.012	18.927	-0.041	18.946	-0.065	18.966	-0.085	22.285	0.069	22.296	0.059	22.311	0.063	22.324	0.071
18.983	-0.095	18.999	-0.096	19.015	-0.106	19.029	-0.130	22.353	0.079	22.353	0.082	22.367	0.105	22.381	0.123
19.049	-0.140	19.071	-0.109	19.090	-0.073	19.107	-0.027	22.392	0.131	22.403	0.126	22.415	0.106	22.431	0.082
19.124	-0.000	19.148	-0.015	19.164	-0.026	19.180	-0.022	22.443	0.053	22.456	0.033	22.470	0.028	22.483	0.027

22.499	0.022	22.511	0.007	22.524	-0.017	22.536	-0.031	26.201	0.024	26.219	0.028	26.237	0.022	26.254	0.016
22.551	-0.037	22.566	-0.038	22.580	-0.034	22.591	-0.025	26.275	0.011	26.293	0.019	26.306	0.023	26.329	0.017
22.608	-0.003	22.620	0.024	22.633	0.052	22.647	0.074	26.350	0.021	26.367	0.020	26.382	0.019	26.400	0.027
22.661	0.092	22.678	0.086	22.691	0.048	22.701	0.038	26.418	0.050	26.432	0.044	26.448	0.015	26.465	0.005
22.715	0.000	22.734	-0.005	22.753	-0.006	22.760	-0.012	26.480	0.018	26.496	0.031	26.509	0.035	26.527	0.038
22.780	-0.036	22.793	-0.055	22.805	-0.065	22.825	-0.048	26.544	0.037	26.560	0.041	26.587	0.030	26.605	0.029
22.842	-0.040	22.863	-0.023	22.880	-0.014	22.899	-0.016	26.621	0.028	26.656	0.021	26.694	0.033	26.719	0.054
22.918	-0.011	22.935	0.024	22.954	0.023	22.982	0.021	26.744	0.067	26.773	0.060	26.798	0.045	26.829	0.038
23.002	-0.008	23.018	-0.019	23.039	-0.034	23.049	-0.049	26.856	0.051	26.874	0.054	26.890	0.049	26.909	0.034
23.068	-0.069	23.081	-0.060	23.096	-0.028	23.110	-0.020	26.928	0.023	26.948	0.055	27.063	0.044	27.089	0.029
23.123	-0.007	23.138	-0.008	23.156	-0.005	23.166	0.009	27.106	0.038	27.135	0.041	27.150	0.049	27.183	0.043
23.184	0.031	23.197	0.048	23.217	0.033	23.233	-0.000	27.210	0.028	27.237	0.017	27.257	0.016	27.279	-0.008
23.248	-0.029	23.267	-0.054	23.294	-0.047	23.314	-0.039	27.292	-0.018	27.314	-0.019	27.336	-0.016	27.360	-0.012
23.331	-0.017	23.348	0.015	23.364	0.037	23.380	0.073	27.378	-0.013	27.399	0.014	27.425	0.003	27.451	0.002
23.395	0.090	23.413	0.094	23.432	0.060	23.451	0.054	27.477	0.006	27.494	-0.005	27.508	-0.020	27.525	-0.030
23.470	0.048	23.492	0.047	23.510	0.064	23.528	0.077	27.548	-0.041	27.566	-0.028	27.590	-0.020	27.609	-0.002
23.540	0.080	23.552	0.084	23.567	0.074	23.575	0.069	27.629	-0.008	27.643	-0.014	27.661	-0.010	27.676	0.003
23.638	0.060	23.653	0.026	23.669	-0.007	23.685	-0.032	27.696	0.002	27.716	0.001	27.741	-0.015	27.762	-0.031
23.697	-0.042	23.714	-0.048	23.728	-0.053	23.742	-0.050	27.782	-0.031	27.809	-0.028	27.828	-0.039	27.856	-0.031
23.757	-0.051	23.772	-0.070	23.792	-0.081	23.809	-0.082	27.869	-0.027	27.892	-0.015	27.912	0.008	27.937	0.025
23.825	-0.056	23.838	-0.029	23.850	-0.002	23.865	0.016	27.964	0.018	27.995	0.007	28.023	-0.009	28.042	-0.033
23.880	0.029	23.891	0.037	23.905	0.036	23.920	0.035	28.063	-0.039	28.078	-0.017	28.103	-0.014	28.128	0.036
23.934	0.034	23.954	0.028	23.965	0.027	23.977	0.016	28.146	0.053	28.166	0.070	28.188	0.059	28.211	0.057
23.995	-0.004	24.012	-0.019	24.028	-0.039	24.049	-0.045	28.233	0.042	28.249	0.031	28.272	0.030	28.292	0.042
24.064	-0.047	24.082	-0.053	24.100	-0.050	24.116	-0.051	28.319	0.035	28.339	0.020	28.361	0.005	28.379	0.003
24.123	-0.042	24.136	-0.048	24.139	-0.044	24.143	-0.044	28.399	0.011	28.422	0.000	28.440	-0.005	28.458	-0.011
24.149	-0.040	24.165	-0.041	24.182	-0.042	24.199	-0.058	28.480	0.011	28.496	0.028	28.518	0.041	28.531	0.044
*24.210	-0.063	24.225	-0.060	24.240	-0.047	24.253	-0.034	28.552	0.038	28.573	0.037	28.590	0.017	28.607	0.012
24.267	-0.021	24.280	-0.018	24.294	-0.038	24.312	-0.039	28.618	-0.003	28.631	-0.009	28.650	-0.001	28.671	0.003
24.327	-0.040	24.347	-0.032	24.360	-0.029	24.368	-0.025	28.692	0.011	28.719	0.019	28.744	0.026	28.762	0.021
24.382	-0.017	24.399	-0.013	24.410	-0.000	24.422	0.008	28.782	0.024	28.799	0.019	28.813	-0.006	28.831	-0.016
24.434	0.007	24.445	0.011	24.458	0.010	24.473	0.014	28.853	-0.021	28.871	-0.017	28.887	0.001	28.905	0.019
24.484	0.017	24.500	0.011	24.512	-0.003	24.527	-0.019	28.923	0.027	28.947	0.027	28.967	0.026	28.988	0.016
24.542	-0.029	24.554	-0.035	24.556	-0.035	24.570	-0.041	29.015	0.015	29.037	0.014	29.060	0.018	29.076	0.013
24.588	-0.043	24.608	-0.013	24.620	-0.005	24.641	0.002	29.096	-0.002	29.120	0.011	29.135	0.015	29.154	0.024
24.654	-0.009	24.667	-0.019	24.687	-0.022	24.707	-0.023	29.173	0.033	29.192	0.032	29.215	0.017	29.235	-0.003
24.725	-0.010	24.743	0.002	24.763	0.020	24.774	0.010	29.253	-0.003	29.271	-0.023	29.293	-0.024	29.315	-0.015
24.794	0.004	24.814	-0.002	24.829	-0.017	24.848	-0.019	29.334	0.007	29.359	0.020	29.363	0.020	29.381	0.010
24.864	-0.006	24.881	-0.012	24.893	-0.022	24.913	-0.013	29.395	-0.009	29.415	-0.019	29.442	-0.043	29.462	-0.063
24.940	-0.006	24.961	-0.007	24.978	-0.003	25.003	0.009	29.487	-0.082	29.506	-0.088	29.532	-0.080	29.550	-0.058
25.016	0.013	25.029	0.022	25.045	0.030	25.064	0.034	29.561	-0.045	29.586	-0.032	29.614	-0.043	29.637	-0.063
25.083	0.028	25.111	0.022	25.135	0.015	25.156	0.014	29.655	-0.084	29.675	-0.060	29.691	-0.048	29.716	-0.040
25.169	0.013	25.187	0.012	25.202	-0.003	25.230	-0.009	29.736	-0.031	29.761	-0.053	29.781	-0.046	29.796	-0.056
25.248	0.004	25.272	0.016	25.290	0.024	25.307	0.028	29.822	-0.072	29.835	-0.073	29.851	-0.074	29.864	-0.094
25.331	0.040	25.352	0.039	25.376	0.046	25.406	0.035	29.886	-0.056	29.907	-0.088	29.929	-0.052	29.949	-0.058
25.432	0.029	25.450	0.013	25.474	0.012	25.495	0.020	29.975	-0.069	29.993	-0.066	30.018	-0.053	30.039	-0.050
25.518	0.041	25.533	0.054	25.549	0.053	25.561	0.048	30.062	-0.051	30.087	-0.023	30.112	-0.035	30.132	-0.036
25.577	0.010	25.595	-0.024	25.612	-0.058	25.630	-0.096	30.147	-0.023	30.165	-0.023	30.190	-0.034	30.208	-0.035
25.650	-0.111	25.670	-0.103	25.678	-0.099	25.694	-0.091	30.232	-0.046	30.255	-0.052	30.284	-0.053	30.307	-0.050
25.723	-0.092	25.749	-0.057	25.769	-0.058	25.786	-0.059	30.329	-0.047	30.349	-0.043	30.367	-0.044	30.387	-0.041
25.806	-0.070	25.822	-0.089	25.843	-0.099	25.864	-0.105	30.405	-0.028	30.421	-0.020	30.442	-0.017	30.464	-0.018
25.886	-0.097	25.900	-0.083	25.924	-0.084	25.936	-0.071	30.481	-0.015	30.502	-0.007	30.513	-0.008	30.527	-0.009
25.963	-0.068	25.986	-0.050	26.016	-0.038	26.032	-0.048	30.549	-0.038	30.569	-0.003	30.589	-0.009	30.610	-0.015
26.054	-0.067	26.070	-0.068	26.087	-0.064	26.112	-0.056	30.624	-0.021	30.648	-0.032	30.663	-0.028	30.684	-0.034
26.129	-0.038	26.149	-0.016	26.167	-0.007	26.184	0.006	30.696	-0.049	30.724	-0.046	30.740	-0.047	30.766	-0.044

30.787	-0.031	30.805	-0.023	30.828	-0.029	30.851	-0.012	35.376	-0.027	35.393	-0.019	35.417	0.008	35.435	0.021
30.873	0.010	30.890	0.042	30.910	0.064	30.924	0.073	35.448	0.034	35.464	0.047	35.477	0.047	35.495	0.032
30.942	0.076	30.963	0.061	30.980	0.041	30.997	0.022	35.515	-0.001	35.537	-0.026	35.543	-0.030	35.559	0.036
31.017	0.007	31.032	0.022	31.054	-0.019	31.074	-0.001	35.584	-0.018	35.600	-0.000	35.621	0.027	35.641	0.021
31.093	0.007	31.112	0.029	31.134	0.042	31.148	0.027	35.659	0.030	35.670	0.038	35.689	0.047	35.709	0.046
31.167	0.012	31.192	0.010	31.194	0.005	31.214	0.008	35.728	0.045	35.751	0.007	35.772	-0.031	35.788	-0.031
31.235	0.030	31.255	0.038	31.275	0.055	31.288	0.055	35.813	-0.013	35.834	0.010	35.852	0.049	35.871	0.051
31.304	0.063	31.320	0.076	31.338	0.093	31.351	0.092	35.888	0.050	35.902	0.059	35.919	-0.049	35.945	0.012
31.374	0.082	31.401	0.080	31.421	0.069	31.438	0.068	35.965	-0.008	35.982	-0.022	35.996	-0.041	36.023	-0.032
31.457	0.067	31.477	0.056	31.500	0.055	31.517	0.054	36.039	0.014	36.062	0.050	36.070	0.059	36.086	0.073
31.544	0.038	31.564	0.046	31.592	0.073	31.612	0.086	36.102	0.054	36.126	0.035	36.151	0.006	36.177	0.015
31.619	0.099	31.648	0.103	31.673	0.083	31.694	0.064	36.205	0.032	36.223	0.027	36.245	0.055	36.267	0.063
31.727	0.030	31.736	0.020	31.761	0.019	31.785	0.036	36.290	0.062	36.315	0.057	36.339	0.033	36.358	0.009
31.806	0.058	31.823	0.057	31.846	0.038	31.864	0.032	36.377	0.004	36.394	-0.011	36.426	0.007	36.439	0.016
31.888	0.004	31.906	-0.011	31.928	-0.016	31.946	-0.017	36.467	0.010	36.488	0.033	36.514	0.051	36.542	0.046
31.967	-0.027	31.985	-0.023	32.007	-0.019	32.022	-0.001	36.571	0.015	36.594	-0.002	36.612	-0.016	36.642	-0.012
32.036	-0.002	32.050	-0.002	32.065	-0.003	32.086	0.015	36.670	0.015	36.697	0.028	36.719	0.009	36.740	-0.005
32.104	0.005	32.124	-0.010	32.138	-0.005	32.160	-0.029	36.771	-0.024	36.785	-0.024	36.808	-0.006	36.824	0.013
32.180	-0.021	32.202	-0.022	32.219	-0.027	32.238	-0.028	36.841	0.017	36.868	0.003	36.890	-0.003	36.907	-0.008
32.255	-0.028	32.274	-0.029	32.288	-0.030	32.315	-0.031	36.935	0.001	36.958	0.014	36.971	0.009	36.988	0.018
32.341	-0.028	32.367	-0.020	32.393	-0.031	32.407	-0.031	37.003	0.022	37.020	0.022	37.046	0.016	37.067	0.001
32.427	-0.046	32.449	-0.052	32.476	-0.048	32.496	-0.054	37.084	-0.008	37.103	-0.018	37.126	-0.019	37.137	-0.029
32.523	-0.051	32.539	-0.056	32.562	-0.048	32.594	-0.036	37.151	-0.039	37.166	-0.030	37.189	-0.031	37.214	-0.027
32.613	-0.019	32.629	-0.029	32.649	-0.016	32.673	-0.017	37.233	-0.032	37.254	-0.056	37.285	-0.052	37.303	-0.048
32.697	-0.023	32.717	-0.020	32.739	-0.016	32.755	-0.017	37.321	-0.040	37.349	-0.027	37.377	-0.037	37.403	-0.029
32.780	-0.009	32.802	-0.001	32.838	-0.012	32.860	-0.013	37.427	-0.031	37.452	-0.032	37.483	-0.024	37.509	-0.003
32.888	-0.015	32.907	-0.016	32.936	-0.031	32.968	-0.023	37.526	-0.010	37.540	-0.019	37.563	0.008	37.586	-0.031
32.999	-0.011	33.014	-0.007	33.026	-0.003	33.053	-0.009	37.607	-0.042	37.629	-0.057	37.651	-0.049	37.682	-0.032
33.074	-0.010	33.094	-0.020	33.112	-0.021	33.140	-0.009	37.710	-0.011	37.735	0.007	37.759	0.019	37.779	0.027
33.159	-0.010	33.177	-0.015	33.201	-0.016	33.222	-0.013	37.816	0.025	37.845	0.019	37.876	0.017	37.897	0.016
33.249	-0.000	33.267	-0.015	33.289	-0.012	33.305	-0.026	37.914	0.019	37.930	0.042	37.945	0.055	37.958	0.073
33.343	-0.019	33.364	-0.011	33.384	-0.007	33.397	0.002	37.972	0.067	37.979	0.062	37.989	0.051	38.000	0.047
33.419	0.019	33.440	0.018	33.465	0.003	33.494	0.002	38.008	0.047	38.014	0.046	38.023	0.051	38.029	0.046
33.513	-0.013	33.538	-0.005	33.561	0.003	33.578	0.011	38.040	0.036	38.053	0.027	38.067	0.013	38.083	0.013
33.606	-0.009	33.636	-0.001	33.664	0.007	33.692	0.011	38.100	0.008	38.110	0.012	38.128	0.017	38.136	0.025
33.710	0.009	33.735	-0.001	33.755	0.012	33.769	0.030	38.146	0.030	38.159	0.034	38.173	0.043	38.184	0.051
33.790	0.047	33.814	0.041	33.845	0.049	33.861	0.053	38.193	0.056	38.202	0.060	38.214	0.069	38.223	0.054
33.885	0.056	33.913	0.040	33.920	0.040	33.930	0.035	38.239	0.039	38.256	0.010	38.272	0.014	38.294	0.022
33.947	0.043	33.967	0.051	34.000	0.054	34.022	0.048	38.317	0.020	38.339	0.023	38.348	0.018	38.366	0.021
34.045	0.066	34.070	0.060	34.087	0.068	34.115	0.067	38.382	0.020	38.400	0.024	38.419	0.023	38.433	0.017
34.134	0.061	34.159	0.046	34.178	0.040	34.190	0.039	38.460	0.011	38.483	0.019	38.501	0.013	38.519	0.016
34.210	0.043	34.233	0.042	34.251	0.050	34.282	0.057	38.535	0.029	38.547	0.043	38.564	0.065	38.578	0.065
34.296	0.057	34.316	0.056	34.338	0.064	34.350	0.063	38.593	0.055	38.608	0.045	38.632	0.048	38.640	0.043
34.379	0.061	34.395	0.047	34.417	0.027	34.438	-0.002	38.658	0.033	38.680	0.032	38.702	0.022	38.721	0.030
34.455	-0.022	34.475	-0.014	34.491	-0.011	34.507	0.002	38.732	0.025	38.752	0.024	38.763	0.019	38.781	0.013
34.527	-0.004	34.549	-0.019	34.571	-0.025	34.590	-0.017	38.799	0.017	38.816	0.026	38.824	0.016	38.843	0.001
34.614	-0.010	34.634	-0.006	34.660	-0.008	34.682	-0.005	38.856	-0.009	38.871	-0.009	38.884	-0.005	38.904	-0.002
34.709	-0.011	34.732	-0.008	34.758	0.004	34.781	0.003	38.925	0.006	38.943	0.019	38.960	0.013	38.979	0.026
34.799	-0.003	34.819	-0.018	34.837	-0.042	34.864	-0.067	38.990	0.030	39.004	0.043	39.017	0.037	39.031	0.046
34.884	-0.069	34.903	-0.088	34.917	-0.103	34.939	-0.105	39.051	0.058	39.069	0.066	39.089	0.070	39.107	0.073
34.959	-0.078	34.967	-0.069	34.981	-0.051	35.001	-0.034	39.120	0.077	39.141	0.090	39.155	0.089	39.176	0.079
35.021	-0.025	35.038	-0.012	35.057	-0.018	35.074	-0.028	39.197	0.069	39.218	0.054	39.238	0.043	39.264	0.047
35.092	-0.052	35.120	-0.048	35.142	-0.049	35.160	-0.050	39.284	0.031	39.305	0.002	39.316	-0.008	39.338	-0.014
35.178	-0.055	35.194	-0.038	35.210	-0.010	35.224	0.017	39.356	-0.024	39.371	-0.016	39.390	-0.012	39.411	0.000
35.235	0.021	35.249	0.021	35.266	0.006	35.285	-0.032	39.432	-0.001	39.451	-0.002	39.460	0.006	39.480	0.019
35.301	-0.042	35.318	-0.057	35.334	-0.058	35.356	-0.050	39.495	-0.032	39.509	0.036	39.518	0.040	39.536	0.038

39.549	0.033	39.571	0.032	39.588	0.040	39.611	0.034
39.637	0.042	39.656	0.041	39.682	0.049	39.702	0.029
39.727	0.042	39.746	0.041	39.766	0.039	39.774	0.034
39.797	0.033	39.820	0.041	39.850	0.044	39.864	0.048
39.883	0.042	39.902	0.041	39.914	0.036	39.934	0.040
39.942	0.039	39.963	0.042	39.980	0.051	39.995	0.054
40.017	0.058	40.039	0.047	40.064	0.032	40.090	0.025
40.119	0.014	40.145	0.017	40.165	0.021	40.197	0.019
40.224	0.013	40.251	0.016	40.278	0.014	40.301	0.027
40.325	0.030	40.352	0.038	40.372	0.046	40.401	0.035
40.425	0.033	40.459	0.041	40.487	0.053	40.519	0.051
40.547	0.044	40.569	0.047	40.582	0.047	40.609	0.036
40.630	0.044	40.641	0.043	40.666	0.037	40.687	0.040
40.719	0.034	40.738	0.037	40.761	0.055	40.791	0.076
40.821	0.075	40.854	0.077	40.879	0.071	40.911	0.070
40.942	0.082	40.971	0.077	40.996	0.071	41.021	0.066
41.047	0.056	41.066	0.037	41.081	0.022	41.108	0.012
41.135	0.025	41.162	0.048	41.183	0.047	41.191	0.051
41.200	0.060	41.209	0.070	41.215	0.074	41.223	0.078
41.227	0.078						

71-197 2/9/71 0600PST LA 1900 AVENUE OF THE STARS 29 FL. N44E

2895 POINTS 40.959 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN. WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.4069 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.056	0.013	-0.029	0.031	-0.002	0.048	0.018	2.241	0.056	2.248	0.055	2.262	0.040	2.279	0.010
0.061	0.032	0.074	0.038	0.085	0.031	0.103	0.009	2.293	-0.020	2.308	-0.036	2.323	-0.059	2.337	-0.054
0.117	-0.026	0.133	-0.061	0.148	-0.097	0.157	-0.111	2.353	-0.036	2.369	0.004	2.385	0.050	2.399	0.063
0.172	-0.118	0.186	-0.112	0.200	-0.057	0.216	0.059	2.412	0.096	2.430	0.115	2.445	0.113	2.459	0.105
0.229	-0.023	0.244	0.018	0.257	0.045	0.271	0.059	2.474	0.082	2.492	0.039	2.508	0.003	2.523	-0.026
0.284	0.058	0.298	0.044	0.315	0.022	0.333	0.001	2.539	-0.034	2.557	-0.028	2.575	-0.037	2.593	-0.019
0.354	-0.014	0.371	-0.029	0.389	-0.037	0.406	-0.052	2.611	-0.021	2.631	-0.031	2.649	-0.040	2.670	-0.058
0.417	-0.073	0.429	-0.067	0.444	-0.047	0.460	-0.034	2.687	0.068	2.703	-0.091	2.717	-0.108	2.733	-0.104
0.475	-0.021	0.489	0.006	0.504	0.027	0.519	0.033	2.747	0.071	2.764	-0.039	2.782	-0.015	2.796	0.039
0.532	0.005	0.547	-0.018	0.565	-0.054	0.578	-0.076	2.811	0.057	2.833	0.089	2.850	0.100	2.868	0.098
0.592	-0.091	0.602	-0.113	0.618	-0.115	0.630	-0.116	2.886	0.095	2.900	0.079	2.916	0.050	2.932	0.028
0.643	-0.076	0.658	-0.036	0.672	-0.003	0.688	0.037	2.947	0.005	2.963	-0.004	2.972	-0.018	2.986	-0.005
0.701	0.056	0.714	0.068	0.727	0.067	0.741	0.024	3.002	0.045	3.084	0.037	3.097	0.015	3.110	-0.007
0.755	-0.011	0.772	-0.048	0.783	-0.090	0.797	-0.091	3.124	-0.043	3.140	-0.045	3.152	-0.053	3.164	-0.061
0.812	-0.086	0.827	-0.080	0.840	-0.081	0.850	-0.054	3.176	-0.048	3.204	-0.028	3.204	-0.015	3.219	-0.008
0.866	-0.021	0.881	0.013	0.896	0.032	0.912	0.052	3.232	-0.009	3.249	-0.016	3.260	-0.031	3.275	-0.052
0.924	0.050	0.936	0.035	0.951	0.027	0.966	0.005	3.286	-0.073	3.362	-0.172	3.372	-0.137	3.385	-0.082
0.980	-0.011	0.995	-0.034	1.013	-0.029	1.025	-0.051	3.346	-0.086	3.410	0.036	3.424	0.070	3.435	0.097
1.037	-0.046	1.051	-0.068	1.069	-0.063	1.082	-0.078	3.397	0.020	3.456	0.096	3.470	0.068	3.482	0.033
1.096	-0.066	1.113	-0.054	1.123	-0.027	1.133	-0.021	3.447	0.104	3.512	-0.066	3.529	-0.101	3.540	-0.088
1.145	-0.029	1.159	-0.038	1.175	-0.032	1.187	-0.047	3.497	0.023	3.512	-0.072	3.583	0.095	3.599	0.062
1.193	-0.028	1.219	-0.023	1.237	-0.025	1.258	-0.020	3.554	-0.068	3.571	-0.027	3.639	0.014	3.653	0.080
1.253	-0.002	1.289	0.038	1.304	0.085	1.317	0.104	3.610	0.075	3.623	0.082	3.697	0.023	3.713	0.008
1.275	-0.002	1.339	0.095	1.355	0.065	1.374	0.035	3.667	0.066	3.681	0.037	3.697	0.023	3.780	-0.050
1.327	0.110	1.395	0.026	1.407	0.031	1.423	0.033	3.726	-0.013	3.744	-0.028	3.763	-0.036	3.847	-0.088
1.434	-0.034	1.447	-0.049	1.458	-0.049	1.473	-0.078	3.799	-0.065	3.812	-0.072	3.829	-0.087	3.915	-0.057
1.489	-0.058	1.504	-0.066	1.515	-0.053	1.531	-0.040	3.866	-0.096	3.884	-0.076	3.898	-0.063	3.974	-0.137
1.541	-0.013	1.555	0.000	1.571	0.006	1.592	0.005	3.927	-0.064	3.943	0.079	3.959	-0.101	4.033	-0.191
1.614	0.018	1.629	0.017	1.638	0.023	1.651	0.001	3.990	-0.166	4.004	-0.188	4.019	-0.197	4.093	-0.037
1.666	-0.035	1.680	-0.050	1.693	-0.079	1.705	-0.073	4.047	-0.171	4.061	-0.124	4.076	-0.077	4.154	0.005
1.716	-0.109	1.728	-0.124	1.740	-0.118	1.749	-0.112	4.104	-0.003	4.119	0.009	4.210	-0.008	4.230	0.025
1.762	-0.107	1.772	-0.073	1.785	-0.061	1.798	-0.034	4.174	-0.004	4.193	0.006	4.288	0.131	4.362	-0.084
1.811	0.006	1.825	0.046	1.838	0.080	1.853	0.113	4.250	0.058	4.271	0.112	4.344	-0.020	4.426	-0.123
1.869	0.132	1.882	0.130	1.896	0.108	1.909	0.078	4.312	0.094	4.328	-0.113	4.409	-0.115	4.485	-0.003
1.923	0.042	1.937	0.033	1.950	0.018	1.964	0.030	4.377	-0.092	4.388	-0.084	4.468	-0.043	4.529	-0.013
1.971	0.036	1.980	0.049	1.990	0.034	2.004	0.012	4.440	-0.096	4.454	-0.084	4.516	0.016	4.591	-0.157
2.016	-0.004	2.026	0.009	2.040	0.029	2.051	0.013	4.496	0.017	4.507	0.030	4.574	-0.135	4.646	-0.064
2.066	-0.016	2.084	-0.039	2.098	-0.054	2.112	-0.090	4.543	-0.070	4.559	0.106	4.634	-0.091		
2.128	-0.099	2.142	-0.107	2.154	-0.108	2.168	-0.089	4.605	-0.151	4.620	-0.118				
2.182	-0.055	2.199	-0.036	2.211	-0.003	2.225	0.023								

4.658	-0.009	4.669	0.018	4.681	0.059	4.693	0.086	7.152	-0.077	7.164	0.034	7.173	0.187	7.181	0.325
4.707	0.092	4.720	0.092	4.732	0.077	4.745	0.048	7.191	0.436	7.203	0.547	7.213	0.685	7.223	0.748
4.759	0.041	4.773	0.019	4.789	-0.003	4.803	-0.018	7.237	0.831	7.243	0.844	7.254	0.879	7.260	0.851
4.820	-0.033	4.835	-0.040	4.853	-0.055	4.871	-0.063	7.271	0.809	7.283	0.739	7.288	0.697	7.296	0.592
4.893	-0.071	4.907	-0.078	4.919	-0.100	4.931	-0.121	7.307	0.536	7.319	0.465	7.331	0.381	7.343	0.318
4.941	-0.142	4.953	-0.150	4.967	-0.150	4.979	-0.137	7.351	0.261	7.359	0.191	7.369	0.069	7.381	0.113
4.993	-0.131	5.007	-0.111	5.021	-0.112	5.034	-0.140	7.393	0.057	7.409	0.035	7.425	0.069	7.432	0.047
5.050	-0.148	5.062	-0.163	5.077	-0.171	5.091	-0.165	7.448	0.150	7.454	0.143	7.464	0.191	7.478	0.252
5.105	-0.145	5.122	-0.104	5.135	-0.063	5.149	-0.051	7.489	0.314	7.502	0.395	7.517	0.442	7.526	0.434
5.167	-0.038	5.177	-0.053	5.195	-0.040	5.211	-0.028	7.537	0.475	7.545	0.543	7.554	0.591	7.561	0.583
5.227	-0.001	5.241	0.012	5.257	0.045	5.274	0.092	7.571	0.582	7.583	0.560	7.594	0.510	7.606	0.495
5.289	0.136	5.301	0.160	5.320	0.166	5.333	0.158	7.617	0.336	7.629	0.297	7.639	0.171	7.649	0.094
5.349	0.140	5.362	0.114	5.378	0.093	5.394	0.085	7.661	-0.019	7.669	-0.110	7.679	-0.250	7.689	-0.348
5.407	0.091	5.414	0.105	5.424	0.083	5.442	0.090	7.700	-0.495	7.710	-0.621	7.715	-0.698	7.720	-0.719
5.456	0.082	5.469	0.088	5.480	0.067	5.490	0.052	7.727	-0.699	7.739	-0.742	7.747	-0.722	7.756	-0.611
5.506	0.010	5.522	-0.053	5.538	-0.130	5.548	-0.179	7.764	-0.501	7.775	-0.411	7.784	-0.280	7.791	-0.135
5.558	-0.242	5.571	-0.305	5.582	-0.327	5.598	-0.348	7.797	-0.066	7.806	0.003	7.814	0.120	7.822	0.245
5.607	-0.341	5.616	-0.307	5.628	-0.273	5.639	-0.190	7.833	0.376	7.840	0.385	7.850	0.590	7.862	0.728
5.651	-0.114	5.662	-0.003	5.671	0.101	5.678	0.177	7.870	0.777	7.874	0.825	7.880	0.929	7.889	0.935
5.688	0.239	5.698	0.336	5.709	0.405	5.719	0.435	7.898	0.914	7.906	0.872	7.912	0.802	7.923	0.767
5.728	0.460	5.738	0.445	5.749	0.403	5.760	0.348	7.930	0.669	7.938	0.585	7.950	0.201	7.963	0.459
5.773	0.257	5.784	0.173	5.794	0.062	5.804	-0.043	7.972	0.376	7.983	0.285	7.990	0.201	8.000	0.124
5.814	-0.106	5.823	-0.175	5.832	-0.245	5.842	-0.308	8.007	0.034	8.018	-0.050	8.028	-0.134	8.039	-0.239
5.854	-0.318	5.866	-0.406	5.879	-0.400	5.888	-0.359	8.051	-0.336	8.058	-0.399	8.069	-0.393	8.078	-0.428
5.898	-0.283	5.908	-0.193	5.917	-0.110	5.925	-0.027	8.091	-0.428	8.103	-0.428	8.115	-0.449	8.123	-0.422
5.933	0.029	5.942	0.112	5.952	0.195	5.963	0.270	8.134	-0.394	8.144	-0.367	8.155	-0.381	8.163	-0.402
5.973	0.339	5.985	0.374	5.994	0.380	6.003	0.365	8.170	-0.465	8.178	-0.430	8.188	-0.465	8.196	-0.417
6.013	0.316	6.023	0.294	6.031	0.204	6.040	0.113	8.211	-0.417	8.221	-0.355	8.228	-0.314	8.236	-0.265
6.049	0.070	6.060	0.028	6.075	-0.029	6.088	-0.079	8.246	-0.293	8.259	-0.252	8.270	-0.287	8.278	-0.246
6.103	-0.107	6.113	-0.142	6.126	-0.191	6.141	-0.220	8.290	-0.176	8.307	-0.149	8.313	-0.149	8.327	-0.163
6.152	-0.213	6.165	-0.193	6.178	-0.201	6.194	-0.250	8.339	-0.219	8.350	-0.261	8.359	-0.289	8.370	-0.372
6.211	-0.286	6.221	-0.272	6.234	-0.258	6.245	-0.244	8.380	-0.386	8.392	-0.400	8.402	-0.428	8.414	-0.414
6.259	-0.195	6.272	-0.147	6.285	-0.077	6.299	-0.008	8.424	-0.373	8.436	-0.373	8.447	-0.290	8.460	-0.262
6.309	0.048	6.320	0.096	6.331	0.103	6.341	0.082	8.471	-0.193	8.482	-0.089	8.495	-0.040	8.509	0.022
6.353	0.034	6.367	-0.064	6.381	-0.189	6.389	-0.279	8.517	0.022	8.526	0.043	8.535	0.028	8.548	0.000
6.397	-0.411	6.407	-0.495	6.419	-0.551	6.430	-0.558	8.557	-0.069	8.568	-0.167	8.578	-0.202	8.591	-0.265
6.440	-0.551	6.450	-0.481	6.459	-0.336	6.469	-0.218	8.600	-0.328	8.610	-0.383	8.624	-0.391	8.634	-0.391
6.480	-0.065	6.491	0.073	6.501	0.239	6.510	0.371	8.647	-0.343	8.656	-0.336	8.667	-0.288	8.678	-0.281
6.519	0.475	6.528	0.578	6.539	0.613	6.546	0.689	8.691	-0.211	8.697	-0.225	8.707	-0.176	8.719	-0.142
6.555	0.744	6.562	0.730	6.574	0.701	6.580	0.680	8.729	-0.100	8.737	-0.037	8.745	0.067	8.751	0.108
6.587	0.680	6.596	0.645	6.604	0.596	6.614	0.581	8.760	0.129	8.769	0.220	8.781	0.261	8.791	0.380
6.624	0.539	6.634	0.483	6.642	0.462	6.653	0.398	8.802	0.435	8.817	0.512	8.828	0.582	8.841	0.659
6.661	0.335	6.668	0.259	6.674	0.161	6.680	0.098	8.854	0.756	8.865	0.840	8.879	0.924	8.885	0.965
6.686	0.098	6.693	0.021	6.698	-0.063	6.707	-0.071	8.894	0.987	8.905	1.035	8.911	1.015	8.923	0.973
6.718	-0.113	6.720	-0.127	6.728	-0.079	6.737	-0.121	8.932	0.897	8.941	0.821	8.949	0.744	8.958	0.689
6.747	-0.073	6.755	-0.150	6.762	-0.130	6.768	-0.158	8.967	0.585	8.980	0.502	8.992	0.419	9.002	0.377
6.776	-0.159	6.783	-0.228	6.793	-0.194	6.803	-0.187	9.011	0.294	9.021	0.280	9.034	0.238	9.045	0.190
6.813	-0.201	6.819	-0.167	6.830	-0.098	6.840	-0.022	9.057	0.169	9.067	0.079	9.077	0.079	9.089	0.044
6.849	0.041	6.858	0.138	6.866	0.179	6.878	0.255	9.098	0.037	9.108	0.058	9.119	0.079	9.132	0.155
6.885	0.248	6.896	0.289	6.901	0.275	6.909	0.226	9.142	0.211	9.156	0.260	9.166	0.294	9.180	0.343
6.918	0.226	6.926	0.205	6.936	0.184	6.942	0.149	9.192	0.315	9.207	0.246	9.218	0.176	9.230	0.100
6.954	0.134	6.960	0.086	6.970	0.037	6.979	-0.012	9.240	-0.018	9.252	-0.157	9.260	-0.268	9.269	-0.338
6.993	-0.005	7.000	-0.047	7.006	-0.081	7.014	-0.081	9.278	-0.366	9.287	-0.511	9.300	-0.567	9.308	-0.650
7.024	-0.116	7.032	-0.158	7.043	-0.214	7.054	-0.304	9.316	-0.789	9.324	-0.921	9.335	-0.990	9.342	-1.008
7.064	-0.395	7.073	-0.436	7.084	-0.478	7.097	-0.520	9.354	-1.205	9.359	-1.268	9.367	-1.219	9.378	-1.233
7.103	-0.506	7.117	-0.465	7.128	-0.389	7.139	-0.278	9.386	-1.212	9.400	-1.121	9.406	-1.066	9.415	-1.031

9.426	-0.933	9.433	-0.912	9.442	-0.891	9.448	-0.898	11.867	0.427	11.880	0.420	11.896	0.551	11.911	0.523
9.461	-0.849	9.469	-0.849	9.481	-0.786	9.490	-0.759	11.924	0.586	11.932	0.585	11.944	0.676	11.958	0.793
9.497	-0.703	9.508	-0.654	9.519	-0.619	9.528	-0.522	11.974	0.890	11.984	0.939	11.996	1.056	12.011	1.159
9.538	-0.593	9.550	-0.493	9.556	-0.452	9.564	-0.472	12.024	1.228	12.035	1.276	12.049	1.303	12.059	1.274
9.577	-0.493	9.587	-0.534	9.599	-0.527	9.614	-0.547	12.070	1.211	12.083	1.113	12.096	0.994	12.112	0.848
9.629	-0.547	9.641	-0.567	9.658	-0.587	9.672	-0.607	12.124	0.743	12.139	0.631	12.154	0.548	12.171	0.402
9.681	-0.663	9.690	-0.690	9.701	-0.774	9.715	-0.822	12.182	0.402	12.194	0.326	12.209	0.256	12.227	0.228
9.732	-0.913	9.743	-0.968	9.755	-1.003	9.765	-0.982	12.225	0.214	12.237	0.164	12.251	0.185	12.265	0.198
9.773	-0.899	9.781	-0.851	9.792	-0.761	9.805	-0.644	12.278	0.274	12.291	0.321	12.304	0.403	12.317	0.484
9.817	-0.595	9.829	-0.519	9.842	-0.451	9.853	-0.458	12.329	0.580	12.343	0.717	12.355	0.820	12.366	0.916
9.869	-0.438	9.882	-0.397	9.896	-0.404	9.915	-0.412	12.379	1.032	12.393	1.135	12.411	1.196	12.420	1.168
9.932	-0.385	9.947	-0.372	9.960	-0.338	9.974	-0.290	12.435	1.104	12.449	0.985	12.462	0.851	12.471	0.753
9.984	-0.276	9.997	-0.194	10.013	-0.181	10.027	-0.120	12.481	0.677	12.499	0.536	12.509	0.532	12.508	0.454
10.044	-0.058	10.055	-0.052	10.071	-0.016	10.085	-0.064	12.517	0.381	12.529	0.334	12.536	0.265	12.545	0.238
10.098	0.139	10.112	0.138	10.127	0.088	10.141	0.032	12.553	0.211	12.561	0.135	12.574	0.081	12.584	0.054
10.159	-0.011	10.175	-0.019	10.189	-0.013	10.203	0.027	12.588	-0.008	12.599	-0.035	12.606	-0.090	12.613	-0.117
10.215	0.110	10.223	0.151	10.231	0.171	10.242	0.205	12.622	-0.116	12.628	-0.143	12.631	-0.157	12.635	-0.170
10.251	0.198	10.261	0.170	10.277	0.169	10.285	0.154	12.642	-0.142	12.648	-0.100	12.659	-0.043	12.666	0.013
10.298	0.063	10.309	0.062	10.322	0.048	10.332	-0.002	12.683	0.457	12.689	0.256	12.703	0.311	12.707	0.373
10.346	-0.030	10.356	-0.031	10.366	-0.004	10.380	0.023	12.722	0.457	12.731	0.491	12.734	0.519	12.744	0.581
10.394	0.085	10.407	0.160	10.419	0.257	10.429	0.312	12.758	0.595	12.763	0.616	12.771	0.664	12.779	0.650
10.440	0.374	10.456	0.394	10.470	0.380	10.480	0.352	12.782	0.643	12.790	0.685	12.796	0.678	12.797	0.650
10.493	0.282	10.500	0.205	10.510	0.108	10.520	0.017	12.806	0.677	12.817	0.649	12.830	0.649	12.838	0.655
10.530	-0.067	10.540	-0.171	10.548	-0.241	10.559	-0.283	12.846	0.662	12.855	0.648	12.868	0.648	12.877	0.633
10.568	-0.359	10.580	-0.401	10.590	-0.422	10.596	-0.422	12.887	0.605	12.910	0.570	12.916	0.500	12.924	0.444
10.604	-0.519	10.610	-0.540	10.619	-0.520	10.632	-0.527	12.928	0.458	12.936	0.402	12.942	0.346	12.949	0.381
10.644	-0.520	10.654	-0.506	10.664	-0.493	10.677	-0.473	12.958	0.297	12.963	0.248	12.968	0.213	12.978	0.136
10.690	-0.398	10.701	-0.385	10.712	-0.337	10.725	-0.296	12.988	0.122	12.994	0.087	13.001	0.052	13.014	0.100
10.737	-0.255	10.750	-0.193	10.763	-0.118	10.774	-0.042	13.026	0.093	13.035	0.113	13.047	0.071	13.056	0.119
10.786	0.033	10.795	0.067	10.810	0.107	10.822	0.120	13.069	0.167	13.081	0.243	13.096	0.381	13.106	0.429
10.834	0.112	10.848	0.090	10.860	0.034	10.869	-0.030	13.113	0.484	13.118	0.554	13.127	0.636	13.135	0.678
10.882	-0.052	10.891	-0.122	10.901	-0.137	10.912	-0.200	13.148	0.781	13.161	0.829	13.172	0.843	13.187	0.870
10.922	-0.269	10.936	-0.339	10.947	-0.381	10.954	-0.458	13.195	0.828	13.203	0.799	13.212	0.757	13.219	0.715
10.962	-0.528	10.971	-0.618	10.979	-0.695	10.985	-0.771	13.225	0.680	13.232	0.645	13.238	0.617	13.244	0.568
10.989	-0.855	11.003	-0.862	11.009	-0.939	11.016	-1.001	13.249	0.519	13.259	0.512	13.275	0.400	13.292	0.281
11.027	-1.036	11.038	-1.029	11.051	-1.016	11.064	-1.016	13.300	0.204	13.308	0.099	13.314	0.043	13.320	0.070
11.077	-0.974	11.090	-0.877	11.102	-0.794	11.117	-0.718	13.328	0.098	13.335	0.007	13.342	-0.098	13.345	-0.154
11.129	-0.635	11.143	-0.566	11.154	-0.476	11.163	-0.372	13.353	-0.092	13.358	-0.036	13.364	-0.155	13.374	-0.336
11.175	-0.296	11.183	-0.240	11.191	-0.122	11.202	-0.019	13.376	-0.281	13.387	-0.149	13.396	-0.199	13.404	-0.192
11.214	0.023	11.227	0.071	11.237	0.119	11.250	0.133	13.411	-0.262	13.419	-0.284	13.425	-0.250	13.436	-0.218
11.264	0.160	11.265	0.160	11.274	0.181	11.282	0.167	13.451	-0.217	13.461	-0.267	13.467	-0.274	13.476	-0.310
11.292	0.194	11.305	0.228	11.311	0.200	11.320	0.179	13.481	-0.324	13.490	-0.262	13.499	-0.305	13.507	-0.264
11.331	0.207	11.339	0.186	11.352	0.178	11.357	0.185	13.524	-0.293	13.537	-0.301	13.554	-0.316	13.559	-0.337
11.367	0.227	11.378	0.185	11.384	0.178	11.393	0.191	13.569	-0.380	13.583	-0.381	13.591	-0.444	13.604	-0.493
11.405	0.170	11.417	0.205	11.424	0.177	11.430	0.135	13.615	-0.536	13.631	-0.537	13.636	-0.593	13.649	-0.573
11.443	0.198	11.455	0.086	11.464	0.086	11.473	0.037	13.653	-0.545	13.661	-0.580	13.668	-0.546	13.672	-0.567
11.483	0.009	11.491	-0.025	11.504	0.002	11.517	0.023	13.677	-0.630	13.683	-0.686	13.694	-0.520	13.706	-0.660
11.524	0.030	11.533	0.092	11.544	0.113	11.554	0.217	13.711	-0.584	13.728	-0.745	13.737	-0.745	13.745	-0.781
11.565	0.321	11.574	0.418	11.584	0.522	11.593	0.633	13.759	-0.789	13.775	-0.859	13.792	-0.923	13.803	-0.958
11.602	1.124	11.611	0.813	11.617	0.930	11.626	1.041	13.821	-1.008	13.834	-1.065	13.841	-1.107	13.857	-1.052
11.635	1.400	11.646	1.304	11.650	1.304	11.664	1.414	13.871	-1.081	13.882	-1.012	13.895	-0.971	13.905	-0.951
11.672	1.400	11.683	1.344	11.701	1.378	11.704	1.322	13.915	-0.917	13.926	-0.848	13.940	-0.849	13.945	-0.870
11.712	1.148	11.724	1.106	11.734	1.008	11.748	0.896	13.953	-0.787	13.969	-0.802	13.985	-0.754	13.994	-0.768
11.755	0.861	11.768	0.861	11.776	0.812	11.789	0.721	14.006	-0.762	14.025	-0.770	14.031	-0.770	14.038	-0.687
11.796	0.700	11.806	0.699	11.812	0.609	11.822	0.574	14.043	-0.708	14.053	-0.764	14.059	-0.688	14.066	-0.647
11.832	0.601	11.838	0.552	11.845	0.441	11.854	0.455	14.076	-0.696	14.097	-0.614	14.102	-0.635	14.110	-0.677

14.119	-0.698	14.128	-0.706	14.138	-0.706	14.150	-0.693	17.435	0.590	17.449	0.589	17.459	0.608	17.475	0.607
14.160	-0.680	14.170	-0.673	14.182	-0.702	14.196	-0.703	17.485	0.592	17.501	0.549	17.520	0.506	17.537	0.456
14.204	-0.738	14.217	-0.711	14.237	-0.712	14.254	-0.720	17.550	0.406	17.563	0.370	17.579	0.341	17.593	0.298
14.269	-0.735	14.281	-0.749	14.292	-0.771	14.305	-0.820	17.609	0.262	17.625	0.226	17.640	0.175	17.651	0.154
14.318	-0.855	14.328	-0.898	14.345	-0.947	14.354	-0.955	17.670	0.124	17.683	0.109	17.698	0.083	17.731	0.118
14.362	-0.997	14.377	-1.011	14.390	-1.019	14.406	-0.985	17.749	0.116	17.772	0.099	17.789	0.083	17.816	0.066
14.418	-0.965	14.428	-0.903	14.433	-0.945	14.446	-0.883	17.841	0.056	17.856	0.033	17.870	0.018	17.892	0.023
14.460	-0.842	14.464	-0.836	14.474	-0.781	14.488	-0.747	17.905	0.015	17.918	0.014	17.931	0.041	17.947	0.047
14.503	-0.699	14.515	-0.686	14.530	-0.665	14.545	-0.659	17.958	0.046	17.972	0.052	18.012	0.042	18.027	0.020
14.562	-0.626	14.578	-0.634	14.590	-0.613	14.599	-0.628	18.040	-0.002	18.052	-0.023	18.065	-0.058	18.073	-0.086
14.614	-0.615	14.624	-0.622	14.631	-0.630	14.641	-0.589	18.093	-0.122	18.104	-0.150	18.119	-0.185	18.135	-0.214
14.658	-0.590	14.673	-0.598	14.684	-0.605	14.698	-0.613	18.147	-0.242	18.164	-0.270	18.183	-0.299	18.200	-0.334
14.711	-0.627	14.728	-0.642	14.740	-0.670	14.753	-0.705	18.214	-0.362	18.230	-0.390	18.246	-0.398	18.257	-0.433
14.765	-0.727	14.775	-0.748	14.789	-0.755	14.806	-0.735	18.271	-0.454	18.284	-0.447	18.300	-0.468	18.318	-0.469
14.823	-0.715	14.835	-0.681	14.842	-0.653	14.858	-0.640	18.340	-0.462	18.358	-0.476	18.368	-0.497	18.384	-0.518
14.874	-0.627	14.893	-0.607	14.908	-0.593	14.923	-0.566	18.401	-0.567	18.417	-0.630	18.430	-0.692	18.444	-0.748
14.936	-0.532	14.949	-0.533	14.966	-0.520	14.985	-0.513	18.454	-0.797	18.466	-0.839	18.479	-0.873	18.495	-0.915
15.005	-0.521	15.017	-0.529	15.037	-0.530	15.058	-0.523	18.513	-0.943	18.535	-0.971	18.555	-0.992	18.566	-1.013
15.075	-0.489	15.089	-0.490	15.103	-0.483	15.119	-0.463	18.583	-1.062	18.605	-1.132	18.625	-1.181	18.641	-1.236
15.135	-0.443	15.149	-0.436	15.165	-0.402	15.178	-0.382	18.665	-1.265	18.684	-1.258	18.701	-1.244	18.719	-1.210
15.188	-0.361	15.201	-0.320	15.217	-0.272	15.229	-0.245	18.725	-1.224	18.737	-1.189	18.745	-1.189	18.757	-1.147
15.243	-0.190	15.255	-0.149	15.269	-0.094	15.283	-0.039	18.764	-1.168	18.777	-1.126	18.787	-1.140	18.803	-1.112
15.296	0.002	15.307	0.036	15.324	0.070	15.332	0.091	18.821	-1.092	18.835	-1.098	18.846	-1.064	18.863	-1.022
15.344	0.076	15.361	0.069	15.370	0.051	15.394	0.053	18.875	-1.001	18.887	-0.974	18.898	-0.967	18.917	-0.988
15.403	0.053	15.422	0.039	15.432	0.031	15.444	0.024	18.933	-1.002	18.955	-1.016	18.967	-1.044	18.979	-1.009
15.456	0.038	15.468	0.065	15.487	0.065	15.501	0.064	18.999	-0.989	19.015	-0.934	19.031	-0.920	19.055	-0.878
15.514	0.064	15.530	0.063	15.549	0.035	15.557	0.048	19.128	-0.816	19.089	-0.768	19.173	-0.623	19.189	-0.609
15.566	0.062	15.581	0.047	15.593	0.047	15.605	0.025	19.197	-0.698	19.152	-0.643	19.242	-0.623	19.263	-0.563
15.623	0.003	15.640	-0.018	15.654	-0.026	15.669	-0.042	19.206	-0.596	19.224	-0.610	19.320	-0.475	19.333	-0.448
15.679	-0.056	15.691	-0.057	15.708	-0.059	15.722	-0.039	19.286	-0.536	19.349	-0.422	19.372	-0.438	19.396	-0.475
15.730	-0.012	15.748	0.007	15.762	0.027	15.778	0.060	19.328	-0.448	19.479	-0.582	19.521	-0.511	19.541	-0.451
15.802	0.148	15.816	0.189	15.832	0.229	15.845	0.270	19.414	-0.491	19.433	-0.521	19.450	-0.557	19.464	-0.573
15.856	0.290	15.869	0.309	15.882	0.329	15.898	0.328	19.479	-0.582	19.500	-0.338	19.591	-0.298	19.608	-0.237
15.915	0.334	15.931	0.333	15.946	0.353	15.961	0.393	19.558	-0.404	19.578	-0.338	19.670	-0.189	19.692	-0.192
15.977	0.434	15.995	0.516	16.008	0.557	16.021	0.625	19.624	-0.212	19.646	-0.194	19.756	-0.178	19.776	-0.173
16.039	0.665	16.048	0.706	16.062	0.746	16.083	0.793	19.714	-0.173	19.730	-0.175	19.844	-0.103	19.869	-0.091
16.098	0.784	16.112	0.776	16.121	0.754	16.133	0.760	19.797	-0.162	19.822	-0.136	19.844	-0.103	19.869	-0.091
16.150	0.758	16.163	0.722	16.181	0.720	16.197	0.719	19.885	-0.050	19.903	-0.031	19.931	-0.005	19.954	0.042
16.219	0.730	16.245	0.749	16.267	0.775	16.283	0.808	19.976	0.042	19.994	0.075	20.019	0.116	20.038	0.171
16.301	0.848	16.316	0.889	16.328	0.916	16.339	0.942	20.063	0.267	20.088	0.350	20.106	0.412	20.123	0.460
16.357	0.948	16.375	0.954	16.397	0.945	16.416	0.937	20.144	0.522	20.157	0.564	20.169	0.591	20.188	0.611
16.433	0.922	16.451	0.907	16.467	0.913	16.480	0.849	20.199	0.624	20.216	0.603	20.235	0.567	20.249	0.539
16.490	0.876	16.503	0.827	16.517	0.853	16.532	0.852	20.276	0.482	20.295	0.412	20.309	0.363	20.327	0.327
16.554	0.913	16.571	0.961	16.593	1.029	16.616	1.075	20.346	0.340	20.362	0.395	20.380	0.442	20.395	0.532
16.632	1.087	16.653	1.099	16.667	1.091	16.682	1.076	20.411	0.573	20.448	0.654	20.469	0.702	20.482	0.729
16.696	1.047	16.714	0.996	16.728	0.932	16.745	0.854	20.504	0.762	20.522	0.754	20.541	0.774	20.562	0.780
16.762	0.769	16.779	0.698	16.791	0.642	16.808	0.577	20.583	0.779	20.610	0.757	20.624	0.742	20.647	0.720
16.826	0.513	16.840	0.470	16.851	0.455	16.861	0.420	20.665	0.706	20.688	0.691	20.717	0.668	20.741	0.646
16.868	0.398	16.886	0.397	16.905	0.395	16.925	0.421	20.764	0.617	20.779	0.589	20.793	0.539	20.809	0.496
16.946	0.454	16.965	0.466	16.976	0.479	16.993	0.506	20.818	0.488	20.834	0.480	20.845	0.493	20.866	0.526
17.018	0.517	17.041	0.508	17.051	0.521	17.072	0.513	20.879	0.580	20.899	0.634	20.917	0.702	20.931	0.757
17.101	0.510	17.118	0.544	17.133	0.571	17.147	0.604	20.942	0.811	20.958	0.824	20.975	0.837	20.995	0.863
17.163	0.631	17.176	0.630	17.190	0.650	17.208	0.628	21.010	0.869	21.034	0.846	21.055	0.817	21.069	0.795
17.222	0.606	17.238	0.577	17.254	0.533	17.267	0.511	21.080	0.752	21.093	0.717	21.111	0.667	21.131	0.583
17.277	0.483	17.294	0.460	17.312	0.486	17.331	0.498	21.146	0.533	21.158	0.484	21.171	0.435	21.185	0.385
17.352	0.510	17.379	0.528	17.399	0.560	17.425	0.585	21.195	0.357	21.209	0.328	21.219	0.300	21.232	0.285

21.245	0.256	21.269	0.234	21.283	0.219	21.304	0.204	24.940	0.530	24.964	0.564	24.980	0.633	24.999	0.653
21.326	0.210	21.354	0.236	21.379	0.268	21.395	0.281	25.019	0.651	25.035	0.629	25.051	0.593	25.067	0.571
21.415	0.294	21.433	0.299	21.451	0.298	21.472	0.297	25.085	0.556	25.096	0.555	25.116	0.547	25.135	0.525
21.490	0.323	21.509	0.357	21.519	0.385	21.533	0.405	25.147	0.519	25.162	0.512	25.186	0.492	25.194	0.479
21.547	0.432	21.558	0.446	21.574	0.452	21.586	0.473	25.210	0.453	25.227	0.421	25.236	0.387	25.245	0.361
21.601	0.486	21.624	0.506	21.643	0.534	21.665	0.569	25.254	0.341	25.269	0.248	25.277	0.301	25.292	0.275
21.680	0.569	21.694	0.617	21.706	0.638	21.718	0.659	25.300	0.255	25.317	0.243	25.328	0.195	25.347	0.166
21.729	0.680	21.745	0.694	21.763	0.687	21.778	0.673	25.362	0.119	25.379	0.091	25.397	0.078	25.409	0.071
21.787	0.659	21.795	0.645	21.804	0.610	21.816	0.610	25.426	0.071	25.438	0.072	25.450	0.086	25.464	0.093
21.824	0.568	21.837	0.568	21.850	0.540	21.862	0.484	25.477	0.107	25.496	0.114	25.508	0.121	25.518	0.128
21.875	0.456	21.888	0.400	21.902	0.365	21.918	0.302	25.536	0.121	25.549	0.114	25.566	0.107	25.580	0.107
21.933	0.225	21.950	0.175	21.964	0.126	21.974	0.076	25.598	0.100	25.617	0.100	25.639	0.114	25.653	0.128
21.984	0.062	22.004	0.040	22.022	-0.003	22.038	-0.018	25.675	0.155	25.689	0.190	25.714	0.232	25.728	0.253
22.064	-0.028	22.086	-0.030	22.107	-0.018	22.124	-0.020	25.744	0.287	25.757	0.329	25.778	0.385	25.795	0.419
22.144	-0.014	22.153	-0.015	22.164	-0.029	22.180	-0.037	25.820	0.482	25.832	0.510	25.851	0.517	25.862	0.538
22.197	-0.066	22.213	-0.074	22.225	-0.096	22.241	-0.111	25.880	0.559	25.892	0.559	25.918	0.559	25.934	0.567
22.259	-0.125	22.275	-0.133	22.288	-0.147	22.304	-0.155	25.950	0.553	25.968	0.546	25.995	0.526	26.012	0.491
22.317	-0.211	22.337	-0.260	22.355	-0.289	22.371	-0.331	26.027	0.499	26.040	0.513	26.057	0.513	26.071	0.513
22.384	-0.346	22.399	-0.360	22.415	-0.361	22.427	-0.347	26.084	0.513	26.101	0.521	26.111	0.521	26.131	0.535
22.445	-0.419	22.461	-0.314	22.477	-0.321	22.493	-0.343	26.147	0.542	26.163	0.543	26.181	0.543	26.203	0.537
22.512	-0.357	22.525	-0.371	22.535	-0.392	22.547	-0.405	26.220	0.516	26.243	0.510	26.265	0.483	26.281	0.477
22.566	-0.419	22.585	-0.412	22.601	-0.384	22.617	-0.371	26.302	0.457	26.334	0.430	26.351	0.389	26.372	0.376
22.631	-0.350	22.639	-0.357	22.649	-0.336	22.662	-0.335	26.388	0.342	26.409	0.308	26.429	0.281	26.456	0.261
22.680	-0.349	22.702	-0.377	22.721	-0.404	22.737	-0.425	26.549	0.202	26.568	0.189	26.595	0.161	26.631	0.140
22.751	-0.438	22.774	-0.459	22.783	-0.480	22.795	-0.473	26.721	0.248	26.740	0.235	26.765	0.222	26.814	0.216
22.814	-0.465	22.831	-0.444	22.846	-0.423	22.865	-0.381	26.836	0.112	26.855	0.084	26.875	0.050	26.898	0.008
22.884	-0.367	22.890	-0.367	22.902	-0.367	22.913	-0.380	26.793	0.220	26.814	-0.248	26.826	-0.262	26.837	-0.268
22.930	-0.359	22.948	-0.366	22.969	-0.373	22.993	-0.380	26.856	-0.282	26.874	-0.268	26.889	-0.253	26.902	-0.253
23.016	-0.389	23.038	-0.397	23.054	-0.398	23.073	-0.406	26.916	-0.245	26.929	-0.246	26.944	-0.251	26.969	-0.278
23.090	-0.408	23.110	-0.410	23.115	-0.403	23.139	-0.392	26.992	-0.312	27.014	-0.346	27.047	-0.372	27.065	-0.385
23.156	-0.372	23.173	-0.353	23.189	-0.327	23.204	-0.314	27.076	-0.406	27.088	-0.405	27.099	-0.405	27.118	-0.411
23.214	-0.287	23.233	-0.287	23.248	-0.267	23.268	-0.275	27.146	-0.382	27.163	-0.360	27.182	-0.324	27.198	-0.302
23.280	-0.234	23.298	-0.193	23.313	-0.138	23.328	-0.090	27.216	-0.266	27.236	-0.230	27.253	-0.202	27.273	-0.179
23.345	-0.043	23.360	-0.002	23.374	0.039	23.385	0.073	27.291	-0.178	27.316	-0.163	27.332	-0.162	27.349	-0.161
23.398	0.072	23.418	0.078	23.438	0.056	23.458	-0.000	27.367	-0.147	27.388	-0.139	27.409	-0.117	27.428	-0.103
23.473	-0.029	23.489	-0.072	23.507	-0.094	23.529	-0.137	27.445	-0.088	27.465	-0.080	27.482	-0.080	27.495	-0.079
23.543	-0.187	23.556	-0.202	23.572	-0.224	23.591	-0.266	27.511	-0.079	27.531	-0.085	27.556	-0.112	27.583	-0.132
23.609	-0.322	23.625	-0.378	23.639	-0.413	23.652	-0.448	27.607	-0.159	27.631	-0.192	27.650	-0.233	27.669	-0.274
23.715	-0.490	23.732	-0.525	23.748	-0.574	23.761	-0.609	27.687	-0.302	27.709	-0.335	27.725	-0.356	27.747	-0.369
23.775	-0.873	23.793	-0.888	23.806	-0.909	23.826	-0.903	27.775	-0.395	27.797	-0.408	27.820	-0.456	27.843	-0.496
23.841	-0.869	23.857	-0.800	23.875	-0.725	23.889	-0.677	27.865	-0.530	27.882	-0.511	27.900	-0.584	27.913	-0.591
23.903	-0.630	23.914	-0.576	23.929	-0.529	23.937	-0.516	27.920	-0.597	27.938	-0.590	27.961	-0.575	27.988	-0.561
23.951	-0.490	23.957	-0.407	23.975	-0.423	23.998	-0.439	28.010	-0.553	28.028	-0.538	28.050	-0.517	28.070	-0.502
24.023	-0.442	24.047	-0.409	24.054	-0.409	24.070	-0.390	28.089	-0.481	28.106	-0.466	28.125	-0.445	28.140	-0.437
24.087	-0.377	24.107	-0.364	24.129	-0.343	24.140	-0.337	28.153	-0.423	28.167	-0.437	28.186	-0.450	28.206	-0.470
24.164	-0.330	24.180	-0.337	24.201	-0.317	24.220	-0.310	28.220	-0.504	28.239	-0.531	28.252	-0.552	28.260	-0.558
24.234	-0.213	24.248	-0.261	24.268	-0.241	24.282	-0.220	28.282	-0.572	28.300	-0.557	28.312	-0.550	28.330	-0.529
24.305	-0.213	24.329	-0.192	24.348	-0.157	24.368	-0.129	28.348	-0.500	28.364	-0.465	28.380	-0.437	28.393	-0.402
24.386	-0.088	24.401	-0.025	24.425	0.009	24.436	0.051	28.408	-0.374	28.425	-0.346	28.442	-0.318	28.455	-0.304
24.454	0.071	24.481	0.077	24.513	0.076	24.538	0.089	28.466	-0.290	28.480	-0.269	28.498	-0.255	28.514	-0.241
24.560	0.075	24.585	0.081	24.604	0.087	24.625	0.052	28.524	-0.234	28.543	-0.219	28.562	-0.198	28.581	-0.177
24.644	0.086	24.666	0.087	24.690	0.081	24.712	0.088	28.597	-0.149	28.617	-0.135	28.635	-0.113	28.656	-0.099
24.737	0.110	24.760	0.138	24.778	0.160	24.799	0.188	28.674	-0.064	28.699	-0.043	28.721	-0.015	28.741	0.007
24.817	0.231	24.829	0.259	24.848	0.287	24.860	0.343	28.760	-0.042	28.775	-0.071	28.793	0.106	28.811	0.135
24.879	0.392	24.897	0.433	24.909	0.468	24.919	0.510	28.827	0.156	28.840	0.177	28.852	0.192	28.866	0.206

28.888	0.214	28.906	0.200	28.922	0.194	28.937	0.180	32.447	-0.341	32.462	-0.334	32.478	-0.328	32.493	-0.315
28.952	0.173	28.975	0.167	28.995	0.181	29.018	0.202	32.508	-0.301	32.531	-0.267	32.549	-0.240	32.571	-0.214
29.036	0.217	29.058	0.245	29.073	0.252	29.101	0.245	32.590	-0.201	32.603	-0.188	32.617	-0.175	32.631	-0.169
29.120	0.239	29.142	0.218	29.162	0.204	29.188	0.197	32.650	-0.149	32.665	-0.143	32.680	-0.123	32.699	-0.110
29.207	0.190	29.230	0.183	29.255	0.162	29.272	0.148	32.713	-0.097	32.729	-0.084	32.746	-0.086	32.765	-0.080
29.290	0.135	29.318	0.128	29.335	0.114	29.360	0.107	32.775	-0.073	32.789	-0.067	32.801	-0.060	32.815	-0.061
29.378	0.107	29.394	0.106	29.404	0.099	29.422	0.099	32.833	-0.040	32.852	-0.034	32.870	-0.006	32.890	0.014
29.438	0.092	29.455	0.078	29.473	0.064	29.496	0.057	32.912	0.048	32.930	0.076	32.948	0.096	32.969	0.124
29.515	0.029	29.530	0.022	29.542	0.015	29.559	0.015	32.984	0.137	32.998	0.151	33.019	0.192	33.031	0.206
29.578	0.022	29.602	0.049	29.618	0.077	29.634	0.097	33.087	0.227	33.063	0.234	33.074	0.249	33.086	0.249
29.645	0.111	29.664	0.125	29.680	0.152	29.696	0.159	33.098	0.249	33.108	0.263	33.118	0.263	33.131	0.277
29.704	0.166	29.714	0.166	29.726	0.172	29.739	0.172	33.168	0.277	33.164	0.312	33.178	0.312	33.192	0.341
29.751	0.172	29.762	0.179	29.773	0.179	29.787	0.172	33.208	0.355	33.216	0.369	33.231	0.397	33.242	0.418
29.848	0.171	29.813	0.171	29.829	0.164	29.841	0.164	33.260	0.439	33.274	0.439	33.282	0.467	33.295	0.467
29.898	0.171	29.862	0.171	29.877	0.184	29.893	0.191	33.302	0.467	33.314	0.474	33.320	0.482	33.331	0.489
29.909	0.212	29.928	0.219	29.949	0.266	29.963	0.267	33.343	0.489	33.352	0.489	33.361	0.489	33.370	0.482
29.977	0.267	29.991	0.281	30.005	0.295	30.021	0.315	33.383	0.475	33.392	0.469	33.404	0.455	33.418	0.448
30.034	0.329	30.051	0.343	30.064	0.357	30.077	0.370	33.432	0.441	33.449	0.421	33.469	0.393	33.481	0.387
30.091	0.384	30.102	0.398	30.115	0.405	30.131	0.433	33.492	0.373	33.502	0.352	33.514	0.345	33.524	0.339
30.145	0.439	30.158	0.460	30.175	0.481	30.184	0.495	33.538	0.325	33.549	0.318	33.556	0.318	33.560	0.319
30.195	0.508	30.209	0.515	30.219	0.529	30.226	0.536	33.570	0.311	33.585	0.312	33.594	0.319	33.608	0.319
30.237	0.543	30.253	0.557	30.267	0.566	30.283	0.563	33.617	0.326	33.625	0.333	33.637	0.333	33.646	0.333
30.300	0.563	30.315	0.562	30.331	0.562	30.343	0.555	33.661	0.334	33.669	0.334	33.679	0.334	33.691	0.334
30.354	0.554	30.369	0.554	30.382	0.554	30.390	0.561	33.709	0.327	33.722	0.320	33.741	0.314	33.759	0.293
30.405	0.574	30.422	0.574	30.440	0.573	30.458	0.545	33.773	0.286	33.787	0.272	33.805	0.259	33.823	0.252
30.475	0.517	30.493	0.488	30.510	0.460	30.528	0.425	33.803	0.224	33.819	0.093	33.838	0.176	33.851	0.151
30.546	0.404	30.562	0.369	30.582	0.340	30.598	0.305	33.903	0.127	33.919	0.093	33.938	0.072	33.951	0.051
30.616	0.263	30.631	0.221	30.648	0.193	30.670	0.164	33.968	0.030	33.976	0.023	33.989	0.030	34.003	0.016
30.689	0.136	30.701	0.129	30.712	0.129	30.811	0.066	34.016	0.016	34.031	0.003	34.044	-0.011	34.063	-0.032
30.745	0.122	30.763	0.122	30.786	0.100	30.811	0.066	34.077	-0.046	34.095	-0.067	34.115	-0.095	34.130	-0.122
30.832	0.031	30.848	-0.004	30.870	-0.046	30.884	-0.081	34.146	-0.143	34.166	-0.164	34.184	-0.177	34.200	-0.198
30.906	-0.123	30.921	-0.144	30.940	-0.172	30.952	-0.186	34.211	-0.205	34.226	-0.218	34.236	-0.225	34.244	-0.225
30.968	-0.193	30.982	-0.200	31.000	-0.221	31.015	-0.228	34.252	-0.239	34.261	-0.246	34.269	-0.246	34.278	-0.245
31.025	-0.235	31.043	-0.242	31.055	-0.263	31.069	-0.271	34.288	-0.238	34.302	-0.238	34.316	-0.231	34.330	-0.217
31.083	-0.285	31.099	-0.292	31.113	-0.299	31.128	-0.306	34.346	-0.217	34.356	-0.217	34.370	-0.210	34.383	-0.209
31.143	-0.313	31.166	-0.328	31.181	-0.342	31.199	-0.363	34.394	-0.209	34.402	-0.209	34.412	-0.209	34.426	-0.209
31.219	-0.391	31.236	-0.412	31.251	-0.433	31.264	-0.440	34.442	-0.202	34.452	-0.208	34.464	-0.208	34.475	-0.194
31.273	-0.441	31.281	-0.448	31.298	-0.441	31.318	-0.434	34.488	-0.193	34.504	-0.192	34.519	-0.171	34.535	-0.163
31.333	-0.414	31.349	-0.393	31.371	-0.366	31.385	-0.345	34.547	-0.142	34.557	-0.134	34.572	-0.113	34.588	-0.098
31.395	-0.331	31.419	-0.311	31.437	-0.290	31.451	-0.291	34.600	-0.098	34.614	-0.097	34.626	-0.090	34.639	-0.089
31.467	-0.277	31.478	-0.277	31.492	-0.277	31.507	-0.271	34.651	-0.089	34.660	-0.088	34.670	-0.095	34.686	-0.094
31.521	-0.271	31.530	-0.264	31.539	-0.264	31.551	-0.264	34.709	-0.093	34.720	-0.079	34.732	-0.078	34.745	-0.071
31.566	-0.278	31.581	-0.286	31.596	-0.293	31.612	-0.314	34.762	-0.070	34.769	-0.042	34.789	-0.041	34.801	-0.040
31.627	-0.321	31.639	-0.328	31.652	-0.342	31.666	-0.336	34.813	-0.040	34.823	-0.039	34.836	-0.032	34.844	-0.025
31.685	-0.329	31.705	-0.315	31.719	-0.295	31.734	-0.274	34.853	-0.024	34.863	-0.024	34.874	-0.023	34.883	-0.016
31.744	-0.260	31.760	-0.253	31.776	-0.260	31.785	-0.267	34.893	-0.009	34.903	-0.008	34.911	-0.008	34.922	-0.015
31.795	-0.267	31.804	-0.281	31.816	-0.281	31.835	-0.275	34.934	-0.008	34.941	-0.007	34.951	-0.007	34.958	-0.007
31.858	-0.261	31.878	-0.254	31.891	-0.233	31.906	-0.213	34.968	-0.007	34.977	-0.007	34.994	-0.013	35.005	-0.013
31.924	-0.206	31.940	-0.206	31.960	-0.199	31.976	-0.185	35.015	-0.020	35.029	-0.020	35.042	-0.026	35.054	-0.026
31.993	-0.185	32.011	-0.185	32.031	-0.178	32.049	-0.171	35.067	-0.033	35.081	-0.033	35.091	-0.032	35.100	-0.032
32.068	-0.150	32.088	-0.143	32.106	-0.143	32.123	-0.136	35.115	-0.032	35.126	-0.032	35.133	-0.039	35.141	-0.059
32.148	-0.136	32.153	-0.129	32.166	-0.122	32.178	-0.122	35.150	-0.052	35.167	-0.059	35.175	-0.080	35.184	-0.079
32.198	-0.122	32.219	-0.143	32.237	-0.171	32.255	-0.199	35.193	-0.093	35.205	-0.100	35.217	-0.106	35.227	-0.120
32.270	-0.220	32.285	-0.241	32.305	-0.268	32.319	-0.296	35.239	-0.141	35.253	-0.147	35.263	-0.147	35.271	-0.154
32.335	-0.317	32.351	-0.345	32.365	-0.352	32.378	-0.359	35.284	-0.153	35.293	-0.160	35.307	-0.160	35.319	-0.153
32.385	-0.367	32.397	-0.367	32.410	-0.360	32.430	-0.354	35.329	-0.159	35.343	-0.159	35.357	-0.159	35.368	-0.158

35.376	-0.158	35.385	-0.158	35.400	-0.164	35.411	-0.178	38.446	-0.153	38.462	-0.153	38.487	-0.153	38.503	-0.153
35.428	-0.171	35.450	-0.170	35.462	-0.177	35.478	-0.190	38.521	-0.173	38.556	-0.173	38.586	-0.159	38.509	-0.158
35.490	-0.190	35.502	-0.190	35.512	-0.196	35.524	-0.196	38.639	-0.137	38.665	-0.101	38.697	-0.073	38.725	-0.051
35.534	-0.202	35.544	-0.195	35.559	-0.195	35.572	-0.194	38.757	-0.029	38.777	-0.015	38.806	-0.007	38.829	-0.006
35.581	-0.194	35.593	-0.194	35.612	-0.186	35.620	-0.186	38.850	-0.006	38.870	-0.005	38.883	-0.004	38.905	-0.004
35.632	-0.185	35.646	-0.178	35.660	-0.177	35.673	-0.170	38.927	-0.017	38.959	-0.030	38.985	-0.043	39.015	-0.055
35.682	-0.170	35.695	-0.169	35.704	-0.169	35.714	-0.169	39.033	-0.053	39.055	-0.059	39.081	-0.064	39.102	-0.070
35.724	-0.168	35.741	-0.161	35.754	-0.161	35.769	-0.160	39.134	-0.088	39.156	-0.087	39.180	-0.085	39.192	-0.084
35.782	-0.167	35.794	-0.173	35.806	-0.180	35.821	-0.180	39.218	-0.069	39.238	-0.067	39.258	-0.066	39.282	-0.064
35.834	-0.180	35.842	-0.179	35.852	-0.179	35.863	-0.179	39.302	-0.076	39.322	-0.082	39.344	-0.094	39.368	-0.106
35.876	-0.172	35.887	-0.165	35.904	-0.157	35.912	-0.150	39.391	-0.125	39.405	-0.131	39.424	-0.145	39.448	-0.138
35.924	-0.129	35.935	-0.122	35.949	-0.108	35.961	-0.093	39.476	-0.123	39.507	-0.095	39.534	-0.074	39.560	-0.053
35.971	-0.086	35.979	-0.065	35.987	-0.058	35.999	-0.051	39.584	-0.031	39.616	-0.003	39.644	-0.012	39.674	-0.028
36.007	-0.037	36.017	-0.030	36.026	-0.029	36.036	-0.022	39.698	0.043	39.719	0.058	39.741	0.067	39.765	0.075
36.047	-0.008	36.061	-0.008	36.070	0.006	36.085	0.007	39.792	0.084	39.810	0.085	39.826	0.086	39.839	0.087
36.095	0.007	36.106	0.007	36.116	0.014	36.127	0.015	39.860	0.089	39.877	0.090	39.895	0.085	39.910	0.080
36.141	0.015	36.151	0.015	36.163	0.016	36.173	0.023	39.935	0.075	39.961	0.085	39.992	0.095	40.021	0.125
36.187	0.023	36.198	0.030	36.209	0.038	36.223	0.052	40.054	0.147	40.086	0.155	40.124	0.163	40.147	0.194
36.233	0.073	36.242	0.080	36.257	0.101	36.269	0.109	40.171	0.164	40.196	0.172	40.219	0.186	40.239	0.194
36.284	0.116	36.296	0.123	36.315	0.138	36.327	0.145	40.261	0.203	40.285	0.211	40.304	0.220	40.325	0.221
36.341	0.159	36.359	0.173	36.367	0.181	36.378	0.202	40.339	0.222	40.360	0.224	40.388	0.219	40.410	0.206
36.393	0.223	36.405	0.251	36.416	0.272	36.425	0.279	40.436	0.180	40.461	0.190	40.482	0.171	40.506	0.167
36.432	0.286	36.441	0.307	36.452	0.307	36.469	0.308	40.524	0.170	40.550	0.180	40.568	0.189	40.586	0.191
36.479	0.294	36.491	0.280	36.498	0.267	36.510	0.253	40.608	0.194	40.634	0.183	40.660	0.165	40.690	0.134
36.517	0.232	36.530	0.212	36.539	0.198	36.549	0.184	40.713	0.101	40.734	0.083	40.760	0.057	40.782	0.039
36.569	0.185	36.581	0.185	36.600	0.185	36.615	0.185	40.809	0.027	40.832	0.028	40.852	0.030	40.880	0.039
36.626	0.172	36.641	0.165	36.650	0.172	36.666	0.179	40.909	0.059	40.928	0.061	40.936	0.059	40.943	0.058
36.680	0.187	36.695	0.201	36.704	0.208	36.723	0.222	40.949	0.058	40.954	0.058	40.959	0.058	40.959	0.058
36.736	0.222	36.752	0.229	36.765	0.230	36.776	0.237								
36.790	0.237	36.800	0.230	36.810	0.230	36.826	0.224								
36.837	0.210	36.848	0.203	36.860	0.203	36.879	0.190								
36.887	0.183	36.899	0.169	36.912	0.170	36.922	0.163								
36.935	0.170	36.948	0.170	36.965	0.177	36.981	0.191								
36.995	0.199	37.011	0.220	37.024	0.241	37.034	0.262								
37.048	0.276	37.061	0.291	37.069	0.298	37.080	0.319								
37.095	0.333	37.104	0.334	37.113	0.341	37.127	0.348								
37.137	0.342	37.151	0.342	37.163	0.342	37.178	0.329								
37.192	0.309	37.203	0.295	37.212	0.288	37.227	0.275								
37.241	0.255	37.248	0.255	37.259	0.242	37.276	0.222								
37.295	0.217	37.306	0.217	37.319	0.211	37.329	0.205								
37.338	0.205	37.347	0.206	37.358	0.193	37.371	0.187								
37.387	0.181	37.398	0.175	37.409	0.154	37.420	0.148								
37.435	0.135	37.448	0.115	37.461	0.109	37.477	0.090								
37.490	0.070	37.505	0.057	37.517	0.051	37.527	0.039								
37.540	0.019	37.552	0.006	37.565	-0.007	37.581	-0.019								
37.597	-0.025	37.613	-0.023	37.629	-0.036	37.645	-0.034								
37.663	-0.060	37.678	-0.066	37.688	-0.086	37.707	-0.118								
37.720	-0.138	37.734	-0.164	37.744	-0.177	37.757	-0.190								
37.766	-0.210	37.775	-0.223	37.784	-0.215	37.797	-0.214								
37.811	-0.198	37.824	-0.187	37.835	-0.164	37.846	-0.136								
37.859	-0.136	37.874	-0.114	37.894	-0.106	37.921	-0.104								
37.942	-0.116	37.964	-0.129	37.994	-0.155	38.020	-0.174								
38.038	-0.194	38.059	-0.227	38.087	-0.254	38.116	-0.266								
38.139	-0.264	38.169	-0.242	38.196	-0.213	38.232	-0.177								
38.260	-0.184	38.274	-0.191	38.295	-0.204	38.324	-0.211								
38.347	-0.189	38.374	-0.175	38.406	-0.161	38.428	-0.153								

IR250

71.197 2/9/71 0600PST LA 1900 AVENUE OF THE STARS 29 FL. S46E

2500 POINTS 40.961 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR
ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3368 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.047	0.013	-0.048	0.029	-0.007	0.045	0.048	2.291	0.130	2.307	0.100	2.320	0.070	2.334	0.047
0.061	0.096	0.075	0.144	0.090	0.179	0.103	0.171	2.351	0.038	2.367	0.043	2.385	0.033	2.400	0.045
0.118	0.164	0.131	0.135	0.145	0.114	0.157	0.072	2.416	0.071	2.428	0.049	2.444	0.033	2.464	0.031
0.170	0.058	0.189	0.043	0.208	0.042	0.224	0.042	2.481	0.008	2.495	-0.014	2.507	-0.008	2.522	-0.037
0.245	0.048	0.257	0.034	0.271	0.019	0.286	0.019	2.539	-0.052	2.554	-0.039	2.571	-0.034	2.584	-0.014
0.299	0.032	0.314	0.066	0.330	0.080	0.342	0.100	2.603	0.039	2.619	0.113	2.634	0.146	2.649	0.200
0.357	0.106	0.366	0.099	0.381	0.091	0.394	0.083	2.667	0.225	2.683	0.236	2.694	0.227	2.709	0.182
0.405	0.062	0.416	0.020	0.426	0.005	0.440	0.004	2.723	0.138	2.739	0.094	2.754	0.057	2.771	0.019
0.453	0.031	0.469	0.037	0.482	0.071	0.495	0.112	2.787	-0.005	2.806	-0.029	2.820	-0.031	2.836	-0.019
0.509	0.147	0.524	0.174	0.535	0.180	0.547	0.173	2.850	0.006	2.864	0.053	2.882	0.057	2.902	0.062
0.559	0.137	0.572	0.094	0.583	0.037	0.598	0.001	2.919	0.074	2.934	0.086	2.951	0.077	2.971	0.068
0.610	-0.042	0.623	-0.057	0.638	-0.058	0.652	-0.032	2.985	0.053	3.004	0.045	3.025	0.043	3.039	0.035
0.666	0.001	0.678	0.041	0.691	0.109	0.706	0.163	3.055	0.062	3.075	0.054	3.090	0.067	3.107	0.086
0.717	0.203	0.728	0.195	0.744	0.208	0.758	0.199	3.122	0.085	3.137	0.077	3.150	0.062	3.166	0.060
0.772	0.177	0.786	0.141	0.802	0.105	0.815	0.070	3.180	0.094	3.196	0.148	3.212	0.175	3.230	0.209
0.828	0.034	0.842	0.012	0.858	0.004	0.872	-0.011	3.246	0.229	3.262	0.242	3.277	0.256	3.289	0.242
0.890	-0.034	0.904	-0.028	0.919	-0.016	0.930	-0.003	3.303	0.206	3.318	0.157	3.331	0.115	3.344	0.080
0.941	0.010	0.953	0.037	0.965	0.063	0.977	0.076	3.358	0.059	3.376	0.059	3.393	0.059	3.409	0.065
0.990	0.075	1.003	0.080	1.018	0.099	1.035	0.097	3.422	0.100	3.433	0.113	3.452	0.127	3.465	0.119
1.051	0.102	1.067	0.079	1.081	0.085	1.093	0.083	3.481	0.084	3.500	0.041	3.521	0.013	3.537	-0.016
1.107	0.110	1.120	0.115	1.133	0.142	1.141	0.148	3.551	-0.017	3.565	0.004	3.581	0.031	3.596	0.065
1.151	0.140	1.166	0.145	1.178	0.123	1.191	0.087	3.613	0.112	3.631	0.146	3.644	0.152	3.659	0.138
1.205	0.051	1.219	-0.006	1.234	-0.056	1.248	-0.071	3.674	0.116	3.695	0.073	3.711	0.038	3.731	0.010
1.258	-0.080	1.275	-0.047	1.290	-0.000	1.304	0.047	3.748	-0.012	3.761	-0.006	3.779	0.015	3.793	0.035
1.322	0.100	1.333	0.133	1.349	0.145	1.365	0.137	3.811	0.055	3.823	0.082	3.838	0.096	3.851	0.081
1.377	0.121	1.392	0.092	1.408	0.083	1.427	0.053	3.865	0.066	3.879	0.066	3.895	0.079	3.911	0.092
1.445	0.030	1.464	0.029	1.480	0.014	1.496	-0.001	3.927	0.105	3.946	0.118	3.963	0.110	3.983	0.122
1.513	-0.022	1.527	-0.030	1.541	-0.024	1.556	-0.011	3.996	0.107	4.013	0.092	4.030	0.048	4.047	0.026
1.570	-0.019	1.584	0.015	1.598	0.042	1.612	0.076	4.065	0.045	4.082	0.071	4.099	0.125	4.117	0.158
1.632	0.109	1.646	0.136	1.664	0.156	1.677	0.155	4.132	0.164	4.151	0.162	4.172	0.166	4.188	0.165
1.694	0.140	1.713	0.145	1.724	0.130	1.736	0.107	4.205	0.142	4.216	0.127	4.234	0.076	4.254	0.061
1.750	0.071	1.766	0.056	1.779	0.040	1.793	0.025	4.272	0.031	4.290	0.016	4.305	0.007	4.323	-0.029
1.806	0.038	1.819	0.064	1.834	0.062	1.848	0.061	4.338	-0.072	4.355	-0.115	4.373	-0.158	4.385	-0.173
1.858	0.080	1.877	0.085	1.889	0.070	1.903	0.047	4.358	-0.167	4.415	-0.127	4.431	-0.079	4.444	-0.039
1.917	0.018	1.931	-0.025	1.948	-0.041	1.971	-0.051	4.462	0.043	4.476	0.112	4.493	0.159	4.511	0.206
1.990	-0.060	2.004	-0.048	2.018	-0.021	2.032	0.019	4.522	0.219	4.532	0.212	4.546	0.176	4.560	0.133
2.048	0.107	2.065	0.154	2.080	0.173	2.091	0.165	4.572	0.097	4.584	0.048	4.596	0.005	4.608	-0.024
2.104	0.143	2.117	0.093	2.132	0.050	2.150	-0.001	4.625	-0.060	4.636	-0.081	4.646	-0.068	4.661	-0.027
2.166	-0.058	2.184	-0.073	2.196	-0.061	2.212	-0.007	4.677	0.034	4.693	0.096	4.709	0.164	4.724	0.198
2.230	0.074	2.246	0.121	2.263	0.140	2.277	0.138	4.738	0.218	4.754	0.231	4.767	0.216	4.781	0.188

4.799	0.179	4.812	0.158	4.827	0.136	4.839	0.108	7.406	0.128	7.419	0.148	7.433	0.154	7.442	0.209
4.851	0.093	4.866	0.093	4.880	0.057	4.893	0.043	7.454	0.250	7.468	0.290	7.477	0.311	7.486	0.324
4.909	0.028	4.925	0.007	4.939	-0.015	4.954	-0.050	7.499	0.392	7.512	0.418	7.524	0.452	7.539	0.443
4.969	-0.072	4.986	-0.079	5.004	-0.087	5.021	-0.075	7.551	0.393	7.567	0.426	7.577	0.522	7.590	0.590
5.035	-0.068	5.050	-0.042	5.068	-0.029	5.082	-0.009	7.603	0.637	7.619	0.663	7.632	0.745	7.645	0.743
5.099	0.004	5.111	0.038	5.125	0.058	5.139	0.064	7.657	0.700	7.667	0.671	7.681	0.642	7.693	0.571
5.159	0.055	5.176	0.061	5.195	0.053	5.211	0.044	7.707	0.473	7.723	0.381	7.739	0.331	7.755	0.288
5.225	0.016	5.239	-0.027	5.256	-0.077	5.272	-0.120	7.771	0.273	7.787	0.271	7.798	0.228	7.812	0.192
5.287	-0.149	5.303	-0.164	5.317	-0.165	5.333	-0.152	7.826	0.240	7.840	0.225	7.852	0.183	7.864	0.175
5.346	-0.118	5.361	-0.099	5.380	-0.093	5.400	-0.066	7.878	0.098	7.891	0.035	7.900	-0.084	7.913	-0.175
5.418	-0.046	5.434	-0.019	5.450	0.043	5.466	0.091	7.927	-0.141	7.943	-0.149	7.954	-0.177	7.966	-0.233
5.477	0.153	5.490	0.187	5.504	0.221	5.517	0.234	7.977	-0.282	7.992	-0.269	8.004	-0.297	8.014	-0.319
5.533	0.240	5.547	0.219	5.562	0.170	5.573	0.128	8.024	-0.375	8.037	-0.334	8.046	-0.272	8.054	-0.216
5.584	0.079	5.594	0.002	5.605	-0.075	5.616	-0.131	8.063	-0.196	8.072	-0.182	8.083	-0.210	8.097	-0.218
5.628	-0.146	5.642	-0.139	5.652	-0.084	5.666	-0.015	8.108	-0.260	8.118	-0.302	8.130	-0.323	8.142	-0.309
5.677	0.061	5.688	0.151	5.701	0.227	5.712	0.309	8.150	-0.247	8.157	-0.254	8.164	-0.164	8.174	-0.095
5.725	0.351	5.736	0.371	5.746	0.378	5.756	0.398	8.185	0.002	8.193	0.113	8.204	0.189	8.215	0.279
5.767	0.370	5.779	0.335	5.790	0.286	5.800	0.223	8.228	0.327	8.240	0.403	8.251	0.403	8.260	0.424
5.810	0.188	5.821	0.111	5.832	0.014	5.840	-0.084	8.270	0.416	8.280	0.465	8.290	0.492	8.300	0.548
5.850	-0.181	5.856	-0.258	5.867	-0.328	5.878	-0.398	8.310	0.541	8.326	0.568	8.336	0.575	8.346	0.561
5.888	-0.426	5.898	-0.426	5.910	-0.378	5.922	-0.330	8.358	0.498	8.373	0.415	8.385	0.317	8.396	0.234
5.932	-0.303	5.944	-0.268	5.956	-0.262	5.966	-0.255	8.406	0.109	8.418	-0.030	8.428	-0.128	8.441	-0.204
5.977	-0.277	5.990	-0.284	6.003	-0.292	6.011	-0.265	8.452	-0.225	8.460	-0.205	8.471	-0.135	8.483	-0.052
6.026	-0.189	6.039	-0.135	6.050	-0.080	6.062	0.002	8.489	-0.025	8.495	-0.018	8.505	0.079	8.519	0.121
6.073	0.050	6.083	0.126	6.097	0.194	6.107	0.222	8.531	0.107	8.538	0.128	8.546	0.120	8.555	0.155
6.122	0.283	6.137	0.311	6.151	0.331	6.167	0.330	8.561	0.155	8.570	0.210	8.586	0.224	8.597	0.237
6.182	0.315	6.195	0.336	6.205	0.321	6.214	0.265	8.609	0.230	8.623	0.229	8.641	0.250	8.649	0.208
6.223	0.175	6.232	0.070	6.242	-0.069	6.251	-0.215	8.665	0.173	8.679	0.145	8.691	0.075	8.703	0.055
6.261	-0.305	6.269	-0.416	6.278	-0.444	6.288	-0.451	8.713	0.061	8.726	0.089	8.737	0.138	8.748	0.242
6.297	-0.444	6.306	-0.381	6.320	-0.291	6.331	-0.187	8.761	0.305	8.775	0.360	8.788	0.332	8.799	0.263
6.339	-0.110	6.350	-0.041	6.362	0.008	6.370	0.015	8.811	0.222	8.825	0.173	8.839	0.139	8.852	0.118
6.380	0.001	6.390	-0.020	6.400	-0.069	6.411	-0.042	8.862	0.119	8.875	0.147	8.887	0.168	8.896	0.134
6.421	0.014	6.431	0.055	6.439	0.160	6.449	0.278	8.907	0.120	8.917	0.092	8.926	0.093	8.937	0.030
6.459	0.375	6.471	0.583	6.482	0.722	6.495	0.853	8.945	-0.018	8.953	-0.129	8.964	-0.268	8.974	-0.379
6.504	0.915	6.515	0.943	6.523	0.935	6.531	0.865	8.985	-0.441	8.995	-0.525	9.006	-0.566	9.020	-0.615
6.537	0.782	6.547	0.656	6.556	0.572	6.564	0.496	9.031	-0.642	9.041	-0.614	9.052	-0.586	9.060	-0.503
6.577	0.440	6.589	0.356	6.601	0.286	6.610	0.209	9.072	-0.454	9.082	-0.357	9.094	-0.274	9.106	-0.197
6.621	0.180	6.629	0.104	6.640	0.013	6.650	-0.064	9.122	-0.114	9.140	-0.051	9.153	-0.017	9.166	-0.031
6.659	-0.148	6.668	-0.239	6.677	-0.316	6.686	-0.407	9.178	-0.058	9.194	-0.037	9.208	-0.003	9.221	0.025
6.694	-0.484	6.704	-0.533	6.710	-0.603	6.718	-0.618	9.236	0.060	9.246	0.081	9.258	0.095	9.268	0.074
6.725	-0.646	6.733	-0.542	6.739	-0.556	6.749	-0.495	9.280	0.039	9.290	0.039	9.300	-0.010	9.313	-0.086
6.758	-0.447	6.768	-0.350	6.774	-0.309	6.781	-0.267	9.322	-0.183	9.330	-0.176	9.338	-0.141	9.348	-0.113
6.789	-0.192	6.798	-0.143	6.808	-0.046	6.817	0.009	9.362	-0.023	9.369	0.040	9.379	0.186	9.388	0.311
6.828	0.120	6.834	0.161	6.842	0.210	6.852	0.168	9.400	0.471	9.411	0.603	9.422	0.735	9.436	0.826
6.864	0.105	6.874	0.042	6.888	-0.077	6.895	-0.119	9.448	0.840	9.460	0.826	9.470	0.778	9.482	0.688
6.904	-0.181	6.916	-0.258	6.928	-0.328	6.936	-0.335	9.493	0.604	9.505	0.500	9.514	0.452	9.522	0.417
6.947	-0.315	6.960	-0.301	6.972	-0.322	6.984	-0.343	9.533	0.418	9.545	0.328	9.556	0.231	9.570	0.168
6.996	-0.281	7.008	-0.302	7.020	-0.295	7.034	-0.302	9.578	0.023	9.585	-0.026	9.595	-0.074	9.606	-0.206
7.047	-0.288	7.062	-0.226	7.074	-0.122	7.086	-0.004	9.621	-0.220	9.640	-0.253	9.652	-0.274	9.666	-0.280
7.097	0.093	7.106	0.211	7.118	0.253	7.129	0.287	9.678	-0.356	9.690	-0.390	9.701	-0.459	9.719	-0.480
7.137	0.294	7.148	0.252	7.158	0.168	7.171	0.057	9.733	-0.494	9.746	-0.557	9.757	-0.578	9.769	-0.536
7.184	-0.034	7.195	-0.125	7.204	-0.222	7.216	-0.334	9.783	-0.488	9.799	-0.412	9.817	-0.315	9.831	-0.205
7.225	-0.480	7.239	-0.501	7.249	-0.536	7.257	-0.550	9.840	-0.184	9.851	-0.060	9.865	0.079	9.878	0.210
7.267	-0.585	7.278	-0.572	7.289	-0.509	7.299	-0.427	9.888	0.355	9.900	0.466	9.909	0.528	9.924	0.576
7.309	-0.330	7.321	-0.227	7.332	-0.130	7.345	-0.034	9.933	0.555	9.943	0.464	9.955	0.422	9.967	0.331
7.355	0.028	7.367	0.041	7.377	0.061	7.393	0.087	9.978	0.247	9.989	0.184	10.003	0.169	10.019	0.141

10.033	0.160	10.049	0.201	10.066	0.221	10.079	0.199	12.672	0.869	12.681	0.869	12.691	0.862	12.700	0.834
10.094	0.170	10.107	0.127	10.119	0.050	10.129	-0.041	12.707	0.778	12.721	0.702	12.731	0.532	12.737	0.555
10.139	-0.111	10.152	-0.161	10.164	-0.162	10.178	-0.158	12.745	0.507	12.755	0.409	12.769	0.270	12.787	0.398
10.191	-0.185	10.202	-0.227	10.213	-0.263	10.226	-0.229	12.798	-0.008	12.806	-0.106	12.820	-0.224	12.838	-0.382
10.237	-0.250	10.248	-0.230	10.261	-0.259	10.275	-0.246	12.847	-0.454	12.862	-0.436	12.876	-0.497	12.892	-0.456
10.291	-0.233	10.305	-0.206	10.319	-0.151	10.334	-0.110	12.905	-0.096	12.915	0.304	12.924	-0.186	12.930	-0.172
10.350	-0.056	10.365	-0.001	10.380	0.060	10.395	0.122	12.939	0.076	12.960	0.070	12.975	0.139	12.988	0.256
10.406	0.163	10.420	0.190	10.431	0.217	10.442	0.216	12.990	0.305	13.006	0.304	13.022	0.331	13.044	0.330
10.451	0.202	10.462	0.139	10.474	0.090	10.486	0.048	13.054	0.302	13.063	0.274	13.072	0.214	13.096	0.126
10.498	-0.015	10.507	-0.112	10.518	-0.189	10.532	-0.287	13.109	0.091	13.116	0.028	13.128	-0.084	13.143	-0.182
10.544	-0.371	10.554	-0.419	10.561	-0.468	10.570	-0.531	13.156	-0.266	13.169	-0.343	13.188	-0.497	13.219	-0.554
10.581	-0.531	10.594	-0.497	10.603	-0.483	10.614	-0.400	13.243	-0.597	13.259	-0.618	13.270	-0.654	13.286	-0.703
10.627	-0.358	10.636	-0.282	10.648	-0.206	10.664	-0.122	13.294	-0.683	13.310	-0.670	13.334	-0.755	13.342	-0.734
10.676	-0.061	10.684	0.001	10.697	0.049	10.711	0.117	13.348	-0.672	13.356	-0.589	13.361	-0.451	13.369	-0.479
10.723	0.207	10.736	0.276	10.751	0.316	10.762	0.308	13.380	-0.515	13.385	-0.487	13.398	-0.370	13.408	-0.239
10.774	0.273	10.786	0.223	10.800	0.167	10.810	0.117	13.420	-0.191	13.436	-0.220	13.447	-0.207	13.459	-0.180
10.822	0.081	10.837	0.038	10.848	-0.032	10.858	-0.081	13.465	-0.111	13.479	-0.161	13.502	-0.219	13.514	-0.261
10.868	-0.103	10.877	-0.180	10.888	-0.237	10.898	-0.293	13.534	-0.305	13.543	-0.396	13.556	-0.473	13.569	-0.523
10.910	-0.371	10.922	-0.406	10.933	-0.427	10.949	-0.421	13.585	-0.670	13.609	-0.804	13.631	-0.840	13.647	-0.806
10.960	-0.387	10.971	-0.297	10.985	-0.137	10.998	-0.020	13.661	-0.793	13.667	-0.703	13.687	-0.705	13.703	-0.657
11.009	0.112	11.019	0.216	11.032	0.327	11.043	0.438	13.713	-0.595	13.717	-0.547	13.729	-0.534	13.745	-0.466
11.056	0.535	11.069	0.604	11.077	0.653	11.087	0.701	13.757	-0.369	13.766	-0.272	13.794	-0.122	13.835	0.029
11.097	0.785	11.109	0.875	11.120	0.937	11.127	0.972	13.851	0.048	13.865	0.068	13.883	0.046	13.903	0.003
11.141	0.585	11.148	1.020	11.160	1.006	11.173	1.005	13.919	-0.053	13.938	-0.124	13.957	-0.194	13.996	-0.231
11.183	0.991	11.198	0.942	11.211	0.893	11.224	0.858	14.025	-0.219	14.052	-0.199	14.066	-0.193	14.078	-0.166
11.237	0.781	11.245	0.691	11.251	0.635	11.263	0.565	14.085	-0.166	14.094	-0.194	14.119	-0.175	14.132	-0.092
11.272	0.516	11.282	0.460	11.291	0.377	11.304	0.293	14.140	-0.058	14.150	-0.117	14.168	0.017	14.182	0.051
11.318	0.230	11.333	0.174	11.345	0.153	11.358	0.139	14.196	0.099	14.228	0.031	14.248	0.123	14.274	0.129
11.369	0.152	11.378	0.207	11.386	0.193	11.395	0.221	14.296	0.149	14.316	0.127	14.328	0.098	14.343	0.035
11.400	0.283	11.413	0.360	11.423	0.457	11.434	0.450	14.374	-0.036	14.398	-0.065	14.416	-0.122	14.424	-0.157
11.443	0.512	11.452	0.519	11.467	0.602	11.479	0.657	14.434	-0.199	14.445	-0.256	14.460	-0.305	14.476	-0.341
11.487	0.727	11.499	0.727	11.516	0.705	11.530	0.670	14.498	-0.370	14.516	-0.350	14.530	-0.309	14.548	-0.268
11.542	0.571	11.555	0.559	11.566	0.475	11.578	0.420	14.580	-0.187	14.606	-0.167	14.626	-0.148	14.658	-0.136
11.590	0.387	11.601	0.287	11.614	0.231	11.624	0.161	14.691	-0.131	14.724	-0.105	14.746	-0.085	14.765	-0.030
11.635	0.091	11.645	0.049	11.654	0.007	11.664	-0.014	14.785	0.032	14.804	0.087	14.825	0.128	14.853	0.140
11.676	-0.070	11.691	-0.099	11.701	-0.106	11.716	-0.072	14.906	0.138	14.953	0.129	14.973	0.219	15.007	0.356
11.728	-0.045	11.740	0.066	11.752	0.079	11.762	0.155	15.046	0.535	15.068	0.520	15.084	0.443	15.096	0.387
11.777	0.217	11.787	0.237	11.802	0.306	11.816	0.326	15.107	0.304	15.124	0.227	15.143	0.164	15.163	0.135
11.825	0.374	11.840	0.325	11.852	0.339	11.868	0.332	15.233	0.132	15.268	0.179	15.281	0.200	15.303	0.247
11.876	0.297	11.885	0.165	11.898	0.067	11.912	-0.017	15.319	0.295	15.336	0.336	15.352	0.405	15.368	0.467
11.922	-0.086	11.934	-0.205	11.945	-0.316	11.958	-0.386	15.386	0.563	15.404	0.653	15.421	0.749	15.439	0.853
11.974	-0.462	11.987	-0.546	12.003	-0.644	12.020	-0.742	15.448	0.860	15.463	0.838	15.476	0.803	15.488	0.761
12.034	-0.854	12.048	-0.904	12.054	-0.911	12.066	-0.891	15.503	0.684	15.528	0.628	15.545	0.600	15.584	0.542
12.078	-0.808	12.094	-0.719	12.106	-0.594	12.118	-0.463	15.596	0.535	15.626	0.568	15.640	0.602	15.658	0.636
12.127	-0.359	12.142	-0.263	12.154	-0.159	12.166	-0.103	15.683	0.689	15.696	0.660	15.710	0.618	15.720	0.582
12.177	-0.006	12.186	0.070	12.197	0.223	12.209	0.334	15.728	0.609	15.738	0.546	15.779	0.493	15.806	0.526
12.219	0.459	12.227	0.584	12.236	0.653	12.248	0.743	15.824	0.573	15.839	0.634	15.860	0.716	15.882	0.783
12.260	0.777	12.273	0.762	12.285	0.727	12.296	0.671	15.898	0.817	15.919	0.857	15.940	0.870	15.963	0.882
12.310	0.586	12.326	0.494	12.342	0.366	12.355	0.302	15.985	0.860	16.002	0.817	16.021	0.767	16.045	0.737
12.369	0.196	12.384	0.104	12.400	0.040	12.413	-0.024	16.064	0.707	16.109	0.661	16.149	0.615	16.165	0.579
12.431	-0.095	12.450	-0.138	12.470	-0.140	12.489	-0.135	16.182	0.522	16.195	0.451	16.210	0.387	16.235	0.232
12.504	-0.106	12.517	-0.056	12.532	0.029	12.540	0.085	16.266	0.118	16.318	0.072	16.355	0.110	16.399	0.177
12.548	0.148	12.555	0.219	12.563	0.219	12.574	0.304	16.417	0.238	16.453	0.312	16.475	0.289	16.491	0.226
12.579	0.318	12.584	0.353	12.591	0.417	12.598	0.480	16.520	0.126	16.533	0.070	16.572	0.012	16.600	-0.074
12.604	0.522	12.613	0.592	12.620	0.641	12.628	0.698	16.629	-0.139	16.658	-0.211	16.690	-0.228	16.709	-0.216
12.641	0.755	12.646	0.811	12.653	0.853	12.662	0.889	16.729	-0.162	16.742	-0.101	16.758	-0.019	16.788	0.131

16.814	0.191	16.838	0.189	16.856	0.145	16.870	0.123	21.968	-0.372	21.990	-0.318	22.013	-0.299	22.048	-0.301
16.902	0.127	16.935	0.111	16.952	0.095	17.000	0.091	22.080	-0.304	22.134	-0.309	22.164	-0.326	22.185	-0.369
17.029	0.130	17.050	0.135	17.065	0.106	17.088	0.076	22.199	-0.432	22.211	-0.475	22.228	-0.545	22.237	-0.574
17.104	-0.015	17.118	-0.093	17.136	-0.177	17.175	-0.249	22.270	-0.617	22.299	-0.618	22.324	-0.577	22.347	-0.564
17.193	-0.265	17.209	-0.307	17.229	-0.392	17.239	-0.442	22.383	-0.573	22.409	-0.553	22.425	-0.498	22.448	-0.436
17.253	-0.526	17.264	-0.639	17.276	-0.758	17.287	-0.891	22.470	-0.382	22.486	-0.347	22.514	-0.321	22.567	-0.376
17.302	-0.962	17.313	-1.046	17.331	-1.082	17.349	-1.036	22.593	-0.390	22.619	-0.355	22.637	-0.314	22.662	-0.272
17.367	-0.954	17.385	-0.852	17.404	-0.757	17.433	-0.656	22.685	-0.250	22.723	-0.243	22.751	-0.222	22.774	-0.180
17.470	-0.668	17.497	-0.698	17.527	-0.770	17.553	-0.814	22.795	-0.117	22.814	-0.082	22.838	-0.002	22.857	-0.030
17.595	-0.825	17.627	-0.786	17.667	-0.679	17.697	-0.591	22.883	0.114	22.899	0.176	22.919	0.246	22.943	0.267
17.719	-0.517	17.750	-0.478	17.771	-0.481	17.795	-0.498	22.964	0.261	22.985	0.247	23.017	0.225	23.048	0.237
17.827	-0.502	17.847	-0.490	17.865	-0.479	17.881	-0.445	23.067	0.222	23.082	0.193	23.122	0.183	23.146	0.201
17.895	-0.419	17.912	-0.399	17.931	-0.359	17.954	-0.319	23.165	0.234	23.182	0.281	23.219	0.327	23.268	0.318
17.982	-0.294	18.005	-0.275	18.027	-0.283	18.045	-0.306	23.318	0.301	23.356	0.306	23.370	0.285	23.396	0.276
18.057	-0.341	18.090	-0.384	18.114	-0.357	18.135	-0.323	23.422	0.247	23.454	0.211	23.483	0.195	23.521	0.171
18.152	-0.268	18.175	-0.234	18.201	-0.186	18.232	-0.117	23.555	0.169	23.585	0.125	23.629	0.069	23.658	0.075
18.265	-0.090	18.292	-0.056	18.334	-0.015	18.353	0.040	23.681	0.123	23.698	0.178	23.721	0.261	23.741	0.324
18.366	0.074	18.378	0.158	18.393	0.206	18.410	0.227	23.760	0.379	23.790	0.456	23.810	0.503	23.837	0.571
18.422	0.233	18.436	0.212	18.452	0.185	18.469	0.150	23.879	0.632	23.897	0.624	23.910	0.560	23.924	0.503
18.493	0.101	18.511	0.073	18.542	0.052	18.567	0.072	23.940	0.439	23.957	0.367	23.978	0.295	23.998	0.251
18.588	0.134	18.615	0.190	18.644	0.196	18.681	0.182	24.023	0.207	24.053	0.184	24.084	0.181	24.108	0.215
18.713	0.154	18.750	0.133	18.799	0.098	18.817	0.077	24.146	0.256	24.222	0.255	24.252	0.268	24.293	0.310
18.833	0.049	18.849	0.008	18.860	-0.013	18.873	-0.048	24.316	0.338	24.343	0.352	24.380	0.338	24.412	0.289
18.911	-0.118	18.921	-0.118	18.943	-0.090	18.961	-0.014	24.444	0.261	24.474	0.240	24.521	0.162	24.535	0.119
18.979	0.048	18.999	0.111	19.011	0.145	19.028	0.166	24.580	0.069	24.766	0.081	24.661	0.060	24.684	0.033
19.135	0.033	19.154	0.012	19.168	0.103	19.114	0.068	24.723	-0.000	24.766	-0.027	24.800	-0.047	24.833	-0.073
19.204	0.059	19.220	0.093	19.232	0.114	19.244	0.141	24.858	-0.093	24.921	-0.142	24.953	-0.114	24.971	-0.080
19.252	0.183	19.263	0.224	19.275	0.279	19.290	0.306	25.007	-0.060	25.025	-0.103	25.051	-0.182	25.084	-0.268
19.306	0.340	19.320	0.347	19.332	0.332	19.348	0.304	25.113	-0.312	25.161	-0.341	25.192	-0.396	25.228	-0.468
19.380	0.287	19.402	0.298	19.423	0.352	19.438	0.364	25.247	-0.473	25.264	-0.443	25.274	-0.428	25.281	-0.392
19.453	0.390	19.461	0.417	19.474	0.478	19.484	0.526	25.295	-0.370	25.305	-0.369	25.322	-0.354	25.330	-0.332
19.506	0.578	19.516	0.626	19.532	0.658	19.554	0.683	25.340	-0.366	25.356	-0.373	25.369	-0.394	25.382	-0.393
19.580	0.680	19.596	0.650	19.610	0.613	19.649	0.518	25.389	-0.393	25.402	-0.400	25.409	-0.407	25.420	-0.420
19.660	0.454	19.678	0.403	19.714	0.358	19.757	0.360	25.429	-0.413	25.437	-0.427	25.442	-0.413	25.450	-0.413
19.787	0.329	19.802	0.272	19.814	0.236	19.826	0.186	25.457	-0.406	25.466	-0.392	25.473	-0.378	25.482	-0.364
19.844	0.136	19.882	0.091	19.917	0.096	19.947	0.115	25.488	-0.364	25.497	-0.357	25.506	-0.350	25.519	-0.336
19.977	0.127	19.992	0.154	20.009	0.181	20.023	0.222	25.524	-0.336	25.538	-0.336	25.546	-0.343	25.558	-0.294
20.044	0.270	20.071	0.346	20.095	0.387	20.117	0.421	25.573	-0.322	25.580	-0.322	25.585	-0.322	25.598	-0.294
20.140	0.455	20.157	0.496	20.172	0.517	20.196	0.488	25.610	-0.274	25.618	-0.253	25.628	-0.253	25.644	-0.239
20.215	0.466	20.242	0.396	20.285	0.332	20.313	0.303	25.653	-0.232	25.663	-0.218	25.678	-0.232	25.694	-0.253
20.338	0.280	20.352	0.252	20.376	0.223	20.402	0.221	25.706	-0.274	25.717	-0.301	25.730	-0.315	25.742	-0.343
20.440	0.199	20.484	0.189	20.522	0.222	20.546	0.248	25.756	-0.357	25.768	-0.371	25.777	-0.392	25.786	-0.406
20.583	0.274	20.605	0.252	20.626	0.203	20.642	0.153	25.796	-0.419	25.812	-0.440	25.824	-0.447	25.834	-0.461
20.669	0.076	20.687	-0.002	20.766	-0.072	20.730	-0.108	25.841	-0.461	25.849	-0.454	25.860	-0.461	25.870	-0.474
20.768	-0.089	20.789	-0.076	20.822	-0.114	20.862	-0.145	25.880	-0.474	25.889	-0.495	25.901	-0.502	25.913	-0.509
20.896	-0.092	20.920	-0.052	20.944	-0.027	20.987	-0.002	25.921	-0.516	25.935	-0.529	25.948	-0.536	25.962	-0.522
21.023	0.009	21.039	-0.027	21.056	-0.042	21.089	-0.059	25.975	-0.529	25.991	-0.501	25.999	-0.487	26.013	-0.480
21.136	-0.103	21.168	-0.125	21.192	-0.148	21.219	-0.135	26.021	-0.452	26.033	-0.452	26.043	-0.458	26.060	-0.430
21.242	-0.116	21.271	-0.055	21.293	-0.064	21.317	-0.079	26.071	-0.416	26.084	-0.388	26.095	-0.360	26.105	-0.360
21.331	-0.101	21.343	-0.129	21.367	-0.173	21.435	-0.177	26.115	-0.374	26.123	-0.346	26.135	-0.339	26.147	-0.325
21.451	-0.199	21.478	-0.222	21.499	-0.265	21.517	-0.308	26.162	-0.310	26.175	-0.310	26.188	-0.303	26.205	-0.310
21.533	-0.357	21.553	-0.406	21.574	-0.463	21.601	-0.505	26.228	-0.323	26.247	-0.322	26.261	-0.328	26.273	-0.349
21.630	-0.561	21.662	-0.569	21.707	-0.569	21.741	-0.534	26.285	-0.355	26.303	-0.332	26.316	-0.375	26.324	-0.354
21.773	-0.561	21.797	-0.604	21.829	-0.625	21.870	-0.612	26.336	-0.366	26.349	-0.332	26.359	-0.325	26.367	-0.318
21.885	-0.563	21.904	-0.515	21.922	-0.481	21.946	-0.413	26.383	-0.317	26.399	-0.316	26.412	-0.309	26.421	-0.322
								26.434	-0.329	26.448	-0.321	26.455	-0.328	26.465	-0.321

26.477	-0.313	26.484	-0.299	26.497	-0.292	26.503	-0.285	29.480	-0.413	29.499	-0.400	29.512	-0.386	29.527	-0.386
26.511	-0.270	26.521	-0.256	26.533	-0.249	26.543	-0.255	29.540	-0.386	29.555	-0.386	29.568	-0.400	29.579	-0.393
26.559	-0.268	26.581	-0.289	26.598	-0.310	26.610	-0.310	29.592	-0.400	29.608	-0.401	29.623	-0.408	29.636	-0.408
26.619	-0.310	26.631	-0.317	26.651	-0.317	26.667	-0.296	29.651	-0.415	29.665	-0.415	29.679	-0.422	29.693	-0.437
26.682	-0.296	26.698	-0.303	26.712	-0.282	26.731	-0.261	29.708	-0.444	29.721	-0.465	29.744	-0.486	29.761	-0.493
26.740	-0.268	26.753	-0.254	26.766	-0.233	26.778	-0.226	29.773	-0.493	29.791	-0.500	29.807	-0.508	29.823	-0.501
26.789	-0.226	26.802	-0.226	26.811	-0.232	26.826	-0.232	29.837	-0.494	29.861	-0.488	29.877	-0.474	29.893	-0.460
26.840	-0.218	26.858	-0.197	26.869	-0.176	26.881	-0.162	29.909	-0.460	29.920	-0.460	29.930	-0.453	29.945	-0.447
26.895	-0.141	26.910	-0.112	26.923	-0.091	26.944	-0.076	29.960	-0.433	29.983	-0.454	29.994	-0.461	30.005	-0.475
26.956	-0.062	26.972	-0.048	26.984	-0.019	27.001	0.009	30.022	-0.489	30.037	-0.496	30.051	-0.503	30.071	-0.517
27.014	0.030	27.020	0.037	27.035	0.066	27.044	0.087	30.089	-0.531	30.099	-0.545	30.111	-0.559	30.121	-0.559
27.056	0.088	27.071	0.109	27.085	0.103	27.098	0.103	30.130	-0.566	30.139	-0.580	30.153	-0.566	30.178	-0.532
27.109	0.111	27.120	0.118	27.133	0.119	27.145	0.126	30.191	-0.497	30.206	-0.469	30.225	-0.442	30.239	-0.407
27.159	0.127	27.174	0.121	27.184	0.149	27.199	0.150	30.255	-0.393	30.268	-0.380	30.277	-0.373	30.292	-0.373
27.213	0.158	27.226	0.180	27.237	0.194	27.246	0.216	30.303	-0.387	30.321	-0.394	30.340	-0.402	30.356	-0.409
27.256	0.237	27.271	0.266	27.282	0.301	27.291	0.330	30.370	-0.409	30.382	-0.389	30.394	-0.375	30.411	-0.362
27.301	0.358	27.314	0.373	27.323	0.394	27.333	0.409	30.420	-0.362	30.427	-0.348	30.441	-0.342	30.457	-0.356
27.343	0.409	27.352	0.402	27.363	0.396	27.373	0.382	30.474	-0.363	30.490	-0.385	30.509	-0.385	30.523	-0.386
27.387	0.362	27.397	0.342	27.416	0.329	27.433	0.308	30.546	-0.386	30.564	-0.380	30.582	-0.366	30.596	-0.374
27.443	0.295	27.454	0.281	27.474	0.282	27.490	0.276	30.612	-0.367	30.628	-0.374	30.642	-0.361	30.658	-0.347
27.503	0.277	27.517	0.270	27.523	0.256	27.534	0.243	30.670	-0.355	30.687	-0.362	30.701	-0.342	30.722	-0.314
27.549	0.236	27.567	0.237	27.584	0.252	27.594	0.259	30.734	-0.300	30.749	-0.279	30.763	-0.259	30.783	-0.224
27.605	0.266	27.619	0.253	27.634	0.239	27.650	0.233	30.801	-0.197	30.820	-0.162	30.830	-0.141	30.844	-0.121
27.667	0.220	27.680	0.213	27.693	0.214	27.701	0.221	30.852	-0.100	30.869	-0.086	30.891	-0.086	30.908	-0.072
27.718	0.222	27.735	0.222	27.744	0.223	27.755	0.216	30.922	-0.059	30.935	-0.052	30.952	-0.017	30.964	-0.004
27.765	0.203	27.778	0.190	27.793	0.169	27.806	0.156	30.977	0.010	30.987	0.024	31.001	0.024	31.013	0.038
27.819	0.157	27.835	0.157	27.848	0.186	27.872	0.208	31.029	0.038	31.043	0.037	31.065	0.016	31.079	0.002
27.887	0.229	27.908	0.258	27.925	0.286	27.936	0.307	31.095	-0.012	31.105	-0.019	31.119	-0.033	31.132	-0.013
27.949	0.335	27.957	0.336	27.969	0.357	27.982	0.337	31.146	0.015	31.158	0.029	31.167	0.042	31.179	0.056
27.993	0.323	28.008	0.303	28.027	0.283	28.037	0.269	31.192	0.070	31.208	0.069	31.231	0.075	31.253	0.069
28.050	0.242	28.067	0.214	28.078	0.201	28.095	0.188	31.271	0.061	31.292	0.068	31.309	0.075	31.323	0.081
28.105	0.181	28.119	0.181	28.132	0.182	28.144	0.189	31.335	0.074	31.349	0.081	31.360	0.088	31.368	0.109
28.160	0.190	28.177	0.183	28.195	0.177	28.216	0.164	31.388	0.122	31.403	0.122	31.425	0.135	31.440	0.142
28.230	0.157	28.246	0.158	28.264	0.158	28.278	0.187	31.461	0.156	31.485	0.155	31.507	0.176	31.525	0.183
28.294	0.201	28.317	0.223	28.334	0.223	28.350	0.237	31.542	0.203	31.562	0.203	31.586	0.216	31.604	0.216
28.368	0.252	28.387	0.252	28.404	0.252	28.418	0.238	31.624	0.223	31.634	0.243	31.634	0.243	31.637	0.236
28.430	0.218	28.447	0.197	28.462	0.170	28.476	0.156	31.654	0.264	31.668	0.264	31.684	0.256	31.700	0.256
28.491	0.142	28.504	0.129	28.519	0.101	28.531	0.101	31.714	0.256	31.728	0.256	31.740	0.284	31.758	0.283
28.551	0.116	28.563	0.130	28.576	0.151	28.587	0.200	31.774	0.283	31.790	0.290	31.804	0.297	31.821	0.304
28.607	0.228	28.619	0.256	28.629	0.270	28.638	0.277	31.838	0.297	31.853	0.317	31.860	0.317	31.874	0.317
28.651	0.284	28.665	0.284	28.681	0.285	28.699	0.271	31.899	0.289	31.904	0.268	31.921	0.247	31.934	0.220
28.716	0.265	28.731	0.251	28.745	0.238	28.761	0.203	31.948	0.220	31.961	0.213	31.970	0.199	31.984	0.199
28.781	0.169	28.799	0.142	28.817	0.122	28.835	0.088	31.999	0.220	32.018	0.247	32.029	0.261	32.039	0.275
28.849	0.075	28.859	0.068	28.875	0.055	28.883	0.041	32.048	0.282	32.061	0.303	32.079	0.310	32.090	0.331
28.899	0.035	28.910	0.028	28.928	0.029	28.945	0.015	32.106	0.324	32.117	0.310	32.144	0.289	32.160	0.282
28.962	0.015	28.977	0.009	28.992	0.002	29.003	-0.005	32.183	0.261	32.199	0.240	32.215	0.275	32.232	0.282
29.021	-0.032	29.034	-0.032	29.048	-0.039	29.061	-0.046	32.251	0.303	32.275	0.317	32.275	0.345	32.290	0.358
29.074	-0.059	29.083	-0.066	29.094	-0.080	29.108	-0.107	32.307	0.386	32.318	0.400	32.326	0.421	32.337	0.428
29.121	-0.128	29.129	-0.149	29.140	-0.163	29.150	-0.176	32.348	0.442	32.365	0.435	32.381	0.427	32.397	0.420
29.160	-0.190	29.167	-0.211	29.178	-0.211	29.188	-0.225	32.410	0.406	32.426	0.398	32.442	0.384	32.458	0.404
29.200	-0.232	29.210	-0.239	29.224	-0.225	29.233	-0.218	32.475	0.404	32.488	0.396	32.506	0.423	32.525	0.395
29.243	-0.204	29.252	-0.197	29.263	-0.197	29.273	-0.197	32.536	0.436	32.547	0.401	32.565	0.387	32.579	0.358
29.288	-0.211	29.304	-0.232	29.316	-0.260	29.324	-0.274	32.599	0.322	32.613	0.293	32.624	0.279	32.639	0.257
29.338	-0.294	29.346	-0.315	29.356	-0.329	29.368	-0.336	32.654	0.256	32.671	0.255	32.690	0.254	32.709	0.253
29.384	-0.364	29.398	-0.385	29.412	-0.406	29.422	-0.413	32.731	0.251	32.754	0.250	32.771	0.228	32.794	0.213
29.435	-0.441	29.445	-0.441	29.457	-0.441	29.470	-0.427	32.811	0.205	32.828	0.184	32.839	0.184	32.853	0.170

32.870	0.148	32.888	0.141	32.906	0.120	32.924	0.113	37.054	0.056	37.085	0.029	37.118	0.009	37.149	0.003
32.938	0.105	32.956	0.091	32.969	0.077	32.984	0.077	37.178	-0.017	37.211	-0.023	37.237	-0.029	37.272	-0.062
33.001	0.083	33.024	0.090	33.046	0.104	33.070	0.098	37.299	-0.074	37.331	-0.093	37.363	-0.119	37.383	-0.138
33.091	0.097	33.108	0.112	33.129	0.098	33.160	0.098	37.405	-0.137	37.426	-0.142	37.453	-0.155	37.477	-0.167
33.175	0.078	33.192	0.084	33.208	0.058	33.219	0.058	37.496	-0.186	37.525	-0.204	37.550	-0.223	37.567	-0.242
33.230	0.058	33.248	0.072	33.264	0.072	33.284	0.059	37.587	-0.261	37.611	-0.287	37.634	-0.285	37.656	-0.283
33.298	0.045	33.316	0.024	33.330	0.018	33.341	-0.003	37.687	-0.287	37.715	-0.298	37.741	-0.295	37.765	-0.279
33.358	-0.024	33.370	-0.037	33.386	-0.051	33.406	-0.058	37.787	-0.263	37.802	-0.248	37.819	-0.225	37.834	-0.228
33.422	-0.071	33.441	-0.085	33.457	-0.092	33.478	-0.105	37.846	-0.246	37.856	-0.260	37.866	-0.266	37.880	-0.286
33.496	-0.119	33.511	-0.153	33.530	-0.153	33.546	-0.188	37.899	-0.320	37.912	-0.340	37.927	-0.353	37.936	-0.352
33.559	-0.208	33.571	-0.229	33.585	-0.257	33.603	-0.263	37.956	-0.386	37.976	-0.398	37.996	-0.425	38.018	-0.430
33.619	-0.277	33.637	-0.291	33.655	-0.283	33.673	-0.283	38.041	-0.436	38.054	-0.435	38.075	-0.406	38.093	-0.398
33.694	-0.338	33.713	-0.331	33.734	-0.345	33.750	-0.365	38.118	-0.376	38.134	-0.382	38.154	-0.402	38.176	-0.407
33.773	-0.365	33.791	-0.372	33.814	-0.386	33.827	-0.400	38.200	-0.427	38.220	-0.433	38.244	-0.454	38.266	-0.474
33.845	-0.400	33.862	-0.399	33.877	-0.399	33.895	-0.406	38.286	-0.502	38.314	-0.522	38.330	-0.536	38.351	-0.542
33.910	-0.406	33.925	-0.406	33.941	-0.420	33.963	-0.440	38.370	-0.556	38.393	-0.541	38.413	-0.541	38.437	-0.548
33.980	-0.447	33.995	-0.461	34.013	-0.475	34.029	-0.503	38.461	-0.555	38.486	-0.554	38.510	-0.540	38.533	-0.526
34.052	-0.482	34.072	-0.510	34.090	-0.510	34.107	-0.510	38.557	-0.526	38.581	-0.540	38.609	-0.567	38.637	-0.573
34.128	-0.510	34.144	-0.489	34.164	-0.489	34.172	-0.475	38.655	-0.573	38.677	-0.572	38.696	-0.572	38.721	-0.557
34.248	-0.522	34.265	-0.536	34.278	-0.536	34.296	-0.542	38.745	-0.556	38.763	-0.556	38.781	-0.555	38.800	-0.548
34.319	-0.521	34.338	-0.507	34.360	-0.514	34.378	-0.514	38.825	-0.533	38.849	-0.512	38.869	-0.476	38.893	-0.441
34.398	-0.574	34.422	-0.548	34.442	-0.561	34.462	-0.561	38.916	-0.405	38.942	-0.376	38.963	-0.341	38.979	-0.313
34.484	-0.574	34.500	-0.657	34.529	-0.690	34.546	-0.738	38.994	-0.312	39.011	-0.290	39.030	-0.275	39.053	-0.253
34.560	-0.744	34.580	-0.785	34.598	-0.798	34.614	-0.777	39.080	-0.237	39.101	-0.229	39.124	-0.227	39.142	-0.219
34.632	-0.783	34.652	-0.761	34.670	-0.733	34.689	-0.676	39.173	-0.238	39.198	-0.250	39.218	-0.262	39.240	-0.261
34.705	-0.641	34.721	-0.626	34.736	-0.577	34.755	-0.562	39.262	-0.259	39.284	-0.236	39.318	-0.206	39.341	-0.184
34.770	-0.506	34.787	-0.485	34.801	-0.456	34.817	-0.428	39.361	-0.168	39.384	-0.160	39.413	-0.130	39.440	-0.102
34.836	-0.406	34.849	-0.398	34.870	-0.398	34.893	-0.404	39.472	-0.087	39.494	-0.087	39.518	-0.080	39.542	-0.079
34.908	-0.403	34.930	-0.402	34.945	-0.381	34.961	-0.360	39.567	-0.051	39.594	-0.037	39.617	-0.036	39.638	-0.036
34.975	-0.325	34.994	-0.311	35.015	-0.310	35.040	-0.296	39.669	-0.020	39.698	-0.012	39.723	0.004	39.753	0.034
35.060	-0.289	35.077	-0.261	35.097	-0.232	35.116	-0.211	39.779	0.035	39.807	0.037	39.834	0.032	39.863	0.048
35.140	-0.190	35.161	-0.176	35.183	-0.168	35.197	-0.154	39.891	0.058	39.919	0.067	39.931	0.068	39.948	0.070
35.210	-0.147	35.227	-0.133	35.242	-0.111	35.260	-0.111	39.977	0.094	40.000	0.131	40.019	0.167	40.041	0.218
35.278	-0.097	35.295	-0.110	35.317	-0.110	35.332	-0.102	40.075	0.267	40.116	0.324	40.151	0.346	40.177	0.360
35.348	-0.095	35.364	-0.080	35.384	-0.032	35.404	0.011	40.205	-0.361	40.238	0.320	40.269	0.294	40.291	0.282
35.420	0.032	35.440	0.053	35.461	0.075	35.482	0.075	40.320	0.284	40.354	0.300	40.391	0.331	40.418	0.381
35.492	0.103	35.516	0.104	35.532	0.097	35.548	0.126	40.446	0.411	40.471	0.455	40.495	0.492	40.524	0.531
35.568	0.161	35.587	0.176	35.602	0.197	35.622	0.212	40.559	0.549	40.592	0.539	40.632	0.495	40.654	0.477
35.639	0.226	35.654	0.240	35.674	0.241	35.692	0.235	40.678	0.480	40.708	0.504	40.737	0.528	40.766	0.552
35.708	0.235	35.730	0.194	35.748	0.181	35.763	0.167	40.804	0.576	40.831	0.564	40.858	0.552	40.884	0.505
35.778	0.168	35.797	0.182	35.809	0.238	35.829	0.273	40.910	0.472	40.929	0.427	40.943	0.403	40.961	0.365
35.854	0.308	35.873	0.337	35.888	0.365	35.903	0.393								
35.918	0.407	35.928	0.421	35.943	0.408	35.959	0.408								
35.976	0.408	35.988	0.436	36.005	0.465	36.017	0.500								
36.029	0.542	36.040	0.570	36.061	0.605	36.075	0.605								
36.093	0.606	36.112	0.599	36.139	0.579	36.157	0.579								
36.175	0.573	36.193	0.573	36.211	0.595	36.225	0.623								
36.240	0.658	36.250	0.623	36.272	0.645	36.289	0.645								
36.309	0.625	36.325	0.605	36.337	0.577	36.353	0.550								
36.375	0.502	36.394	0.481	36.422	0.447	36.439	0.448								
36.469	0.462	36.493	0.469	36.520	0.442	36.547	0.401								
36.573	0.374	36.599	0.360	36.636	0.333	36.654	0.333								
36.680	0.334	36.706	0.334	36.736	0.321	36.773	0.252								
36.802	0.218	36.842	0.191	36.872	0.170	36.907	0.150								
36.941	0.130	36.973	0.116	37.000	0.096	37.031	0.076								

2855 POINTS 40.955 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.5695 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.259	0.011	-0.065	0.025	0.075	0.039	0.251	1.545	0.144	1.555	0.040	1.564	-0.059	1.573	0.164	1.584	-0.445
0.052	0.368	0.065	0.471	0.075	0.516	0.081	0.529	1.584	-0.236	1.594	-0.304	1.606	-0.382	1.614	-0.445	1.627	-0.866
0.089	0.089	0.100	0.479	0.046	0.416	0.119	0.334	1.627	-0.486	1.632	-0.500	1.639	-0.532	1.646	-0.528	1.656	-0.649
0.128	0.253	0.137	0.153	0.145	0.045	0.155	-0.018	1.656	-0.469	1.666	-0.384	1.674	-0.312	1.682	-0.160	1.692	-0.491
0.165	-0.082	0.174	-0.132	0.183	-0.152	0.190	-0.148	1.703	-0.043	1.713	0.087	1.729	0.289	1.742	0.491	1.754	0.692
0.199	-0.105	0.209	0.034	0.220	0.034	0.228	0.066	1.754	0.617	1.766	0.679	1.777	0.701	1.782	0.692	1.793	0.505
0.234	0.074	0.238	0.061	0.246	0.025	0.254	-0.052	1.793	0.623	1.804	0.509	1.817	0.346	1.828	0.187	1.839	-0.099
0.265	-0.161	0.275	-0.247	0.286	-0.319	0.296	-0.356	1.839	0.051	1.852	-0.095	1.863	-0.194	1.876	-0.286	1.887	-0.302
0.304	-0.342	0.313	-0.298	0.323	-0.221	0.332	-0.145	1.885	-0.341	1.892	-0.364	1.899	-0.351	1.910	-0.302	1.920	-0.235
0.342	0.073	0.351	-0.019	0.359	0.071	0.369	0.179	1.920	-0.087	1.932	-0.141	1.944	-0.043	1.957	0.047	1.965	0.087
0.380	0.256	0.394	0.363	0.403	0.449	0.412	0.512	1.965	0.087	1.977	0.108	1.990	0.130	2.001	0.161	2.012	0.197
0.420	0.516	0.430	0.547	0.438	0.538	0.448	0.492	2.012	0.183	2.029	0.168	2.042	0.167	2.054	0.197	2.065	0.207
0.458	0.415	0.468	0.324	0.478	0.229	0.490	0.130	2.071	0.232	2.085	0.250	2.095	0.240	2.109	0.209	2.120	0.207
0.502	0.035	0.511	-0.060	0.521	-0.142	0.532	-0.232	2.124	0.193	2.136	0.179	2.148	0.155	2.154	0.171	2.165	0.171
0.541	-0.328	0.548	-0.400	0.558	-0.491	0.566	-0.591	2.162	0.109	2.170	0.118	2.184	0.157	2.191	-0.130	2.202	-0.254
0.576	-0.641	0.582	-0.660	0.590	-0.647	0.600	-0.593	2.199	0.147	2.209	0.079	2.217	-0.030	2.225	-0.130	2.236	-0.284
0.608	-0.499	0.618	-0.359	0.628	-0.229	0.636	-0.099	2.233	-0.194	2.244	-0.249	2.249	-0.258	2.256	-0.254	2.267	-0.284
0.644	0.031	0.656	0.130	0.665	0.233	0.675	0.345	2.266	-0.241	2.277	-0.247	2.287	-0.174	2.303	-0.022	2.314	-0.022
0.684	0.443	0.692	0.506	0.700	0.523	0.707	0.514	2.303	-0.272	2.314	-0.209	2.320	-0.174	2.333	0.022	2.344	0.022
0.716	0.477	0.726	0.404	0.735	0.323	0.746	0.205	2.353	0.202	2.368	0.390	2.379	0.484	2.388	0.515	2.400	0.515
0.752	0.128	0.762	0.041	0.774	-0.026	0.778	-0.068	2.394	0.524	2.400	0.514	2.409	0.473	2.419	0.404	2.430	0.404
0.788	-0.064	0.798	-0.056	0.808	-0.029	0.822	0.011	2.429	0.309	2.439	0.200	2.447	0.068	2.458	-0.108	2.469	-0.517
0.843	0.100	0.854	0.167	0.867	0.221	0.875	0.238	2.469	-0.285	2.478	-0.408	2.487	-0.489	2.496	-0.517	2.507	-0.517
0.886	0.247	0.894	0.237	0.901	0.201	0.910	0.128	2.503	-0.517	2.513	-0.473	2.525	-0.388	2.538	-0.271	2.550	-0.271
0.918	0.037	0.926	-0.040	0.932	-0.113	0.941	-0.181	2.545	-0.515	2.555	-0.037	2.567	0.138	2.576	0.296	2.587	0.296
0.952	-0.218	0.962	-0.259	0.973	-0.264	0.982	-0.260	2.586	0.435	2.595	0.511	2.602	0.542	2.610	0.564	2.621	0.564
0.993	-0.221	1.004	-0.158	1.013	-0.051	1.025	0.066	2.620	0.549	2.631	0.544	2.642	0.511	2.655	0.460	2.666	0.460
1.037	0.196	1.046	0.290	1.055	0.334	1.068	0.369	2.669	0.999	2.681	0.326	2.689	0.294	2.701	0.256	2.712	0.256
1.076	0.364	1.084	0.346	1.094	0.363	1.111	0.358	2.711	0.201	2.723	0.155	2.733	0.095	2.745	0.003	2.756	0.003
1.121	0.393	1.132	0.365	1.141	0.301	1.153	0.206	2.757	-0.088	2.765	-0.184	2.775	-0.275	2.787	-0.362	2.798	-0.362
1.161	0.110	1.172	0.024	1.183	-0.049	1.193	-0.163	2.799	-0.438	2.811	-0.478	2.820	-0.497	2.830	-0.475	2.841	-0.497
1.202	-0.303	1.211	-0.389	1.217	-0.489	1.225	-0.543	2.840	-0.440	2.850	-0.346	2.864	-0.217	2.877	-0.069	2.888	-0.069
1.233	-0.567	1.241	-0.558	1.251	-0.532	1.259	-0.483	2.891	0.065	2.903	0.186	2.914	0.267	2.922	0.302	2.933	0.302
1.266	-0.385	1.276	-0.291	1.286	-0.219	1.297	-0.121	2.930	0.315	2.938	0.301	2.948	0.264	2.959	0.228	2.969	0.228
1.308	0.005	1.321	0.135	1.331	0.229	1.340	0.291	2.970	0.200	2.983	0.172	2.994	0.122	3.004	0.049	3.015	0.049
1.348	0.318	1.356	0.313	1.367	0.276	1.375	0.239	3.016	-0.037	3.028	-0.110	3.042	-0.169	3.056	-0.206	3.067	-0.206
1.383	0.175	1.393	0.107	1.405	0.070	1.414	0.078	3.067	-0.251	3.074	-0.288	3.080	-0.297	3.086	-0.288	3.091	-0.288
1.425	0.118	1.439	0.167	1.451	0.247	1.465	0.292	3.098	-0.230	3.111	-0.150	3.122	-0.033	3.135	0.115	3.146	0.115
1.477	0.332	1.489	0.390	1.495	0.413	1.501	0.417	3.148	-0.263	3.159	0.367	3.170	0.443	3.179	0.465	3.189	0.465
1.508	0.468	1.518	0.371	1.529	0.317	1.536	0.240	3.186	0.487	3.194	0.478	3.203	0.441	3.214	0.360	3.224	0.360

3.227	0.265	3.237	0.188	3.250	0.115	3.258	0.083	5.712	0.420	5.720	0.397	5.727	0.321	5.739	0.230
3.269	0.070	3.282	0.074	3.293	0.096	3.309	0.091	5.753	0.194	5.766	0.148	5.775	0.130	5.784	0.143
3.322	0.086	3.334	0.104	3.348	0.140	3.365	0.158	5.788	0.166	5.795	0.175	5.800	0.166	5.811	0.156
3.377	0.149	3.390	0.104	3.402	0.045	3.418	-0.018	5.824	0.156	5.833	0.124	5.846	0.065	5.855	-0.003
3.429	-0.086	3.443	-0.163	3.455	-0.195	3.469	-0.209	5.868	-0.075	5.876	-0.107	5.886	-0.121	5.900	-0.162
3.480	-0.196	3.491	-0.178	3.506	-0.152	3.520	-0.134	5.916	-0.203	5.928	-0.253	5.934	-0.262	5.940	-0.249
3.536	-0.130	3.549	-0.108	3.562	-0.081	3.577	-0.059	5.953	-0.172	5.968	-0.137	5.981	-0.092	5.995	-0.083
3.584	-0.046	3.593	-0.041	3.602	-0.051	3.615	-0.092	6.004	-0.088	6.017	-0.035	6.029	0.005	6.037	0.091
3.627	-0.169	3.637	-0.241	3.643	-0.264	3.650	-0.273	6.045	-0.163	6.054	0.198	6.061	0.207	6.067	0.198
3.657	-0.260	3.666	-0.229	3.677	-0.125	3.690	0.010	6.073	0.134	6.081	0.021	6.090	-0.029	6.101	-0.057
3.702	0.113	3.715	0.212	3.727	0.302	3.741	0.356	6.109	-0.019	6.119	0.033	6.127	0.096	6.135	0.127
3.752	0.419	3.763	0.446	3.776	0.454	3.789	0.463	6.140	0.118	6.149	0.082	6.161	-0.045	6.172	-0.176
3.802	0.454	3.814	0.435	3.829	0.385	3.841	0.322	6.181	-0.280	6.187	-0.303	6.193	-0.303	6.198	-0.290
3.849	0.249	3.859	0.140	3.869	-0.018	3.883	-0.208	6.206	-0.213	6.214	-0.051	6.230	0.355	6.249	1.014
3.897	-0.317	3.909	-0.385	3.928	-0.453	3.937	-0.476	6.261	1.457	6.270	1.669	6.277	1.777	6.286	1.822
3.947	-0.481	3.954	-0.472	3.965	-0.423	3.979	-0.356	6.292	1.813	6.297	1.772	6.308	1.452	6.321	0.874
3.990	-0.280	3.999	-0.217	4.015	-0.173	4.030	-0.134	6.334	0.342	6.346	-0.241	6.355	-0.633	6.367	-1.171
4.043	-0.089	4.053	-0.031	4.068	0.036	4.082	0.089	6.381	-1.496	6.391	-1.640	6.397	-1.740	6.403	-1.762
4.093	0.174	4.105	0.295	4.117	0.461	4.128	0.582	6.409	-1.780	6.414	-1.753	6.420	-1.690	6.429	-1.528
4.140	0.663	4.149	0.680	4.157	0.666	4.168	0.629	6.437	-1.365	6.447	-1.221	6.459	-0.964	6.467	-0.743
4.179	0.570	4.189	0.493	4.200	0.365	4.212	0.225	6.479	-0.540	6.491	-0.111	6.504	0.362	6.516	2.487
4.225	0.025	4.235	-0.070	4.248	-0.170	4.261	-0.252	6.529	1.282	6.542	1.747	6.555	2.193	6.564	2.487
4.272	-0.352	4.284	-0.497	4.295	-0.620	4.310	-0.716	6.572	2.613	6.580	2.721	6.586	2.752	6.591	2.734
4.321	-0.734	4.330	-0.721	4.342	-0.686	4.352	-0.605	6.596	2.653	6.604	2.436	6.613	1.993	6.626	1.460
4.365	-0.479	4.377	-0.281	4.390	-0.029	4.402	0.254	6.636	0.755	6.648	-0.094	6.658	-0.916	6.665	-2.058
4.416	0.475	4.432	0.736	4.442	0.880	4.448	0.929	6.676	-2.848	6.681	-3.246	6.686	-3.426	6.690	-3.575
4.460	0.969	4.468	1.001	4.476	1.014	4.482	1.004	6.698	-3.626	6.703	-3.590	6.710	-3.468	6.717	-3.225
4.492	0.941	4.504	0.805	4.512	0.687	4.530	0.379	6.728	-2.521	6.740	-1.623	6.748	-0.942	6.756	-0.690
4.549	-0.010	4.565	-0.363	4.578	-0.653	4.588	-0.802	6.770	0.176	6.784	0.948	6.796	1.440	6.804	1.787
4.596	-0.857	4.603	-0.866	4.612	-0.853	4.622	-0.813	6.812	1.891	6.819	1.958	6.825	1.972	6.832	2.017
4.630	-0.773	4.638	-0.746	4.646	-0.692	4.656	-0.548	6.842	1.980	6.852	2.048	6.860	2.016	6.864	2.020
4.672	-0.287	4.687	-0.008	4.701	0.181	4.713	0.325	6.869	2.002	6.874	1.903	6.885	1.555	6.898	1.022
4.723	0.411	4.733	0.465	4.747	0.505	4.757	0.527	6.911	0.598	6.926	-0.089	6.940	-0.897	6.949	-1.484
4.765	0.585	4.776	0.598	4.784	0.598	4.793	0.557	6.958	-1.863	6.964	-2.048	6.968	-2.130	6.972	-2.157
4.800	0.493	4.809	0.385	4.820	0.217	4.836	0.041	6.976	-2.130	6.981	-2.038	6.988	-1.800	6.997	-1.521
4.849	-0.090	4.865	-0.208	4.879	-0.299	4.894	-0.372	7.006	-1.272	7.020	-0.839	7.033	-0.338	7.045	0.072
4.905	-0.403	4.916	-0.381	4.929	-0.359	4.943	-0.323	7.055	0.411	7.060	0.465	7.063	0.546	7.066	0.560
4.957	-0.220	4.969	-0.098	4.981	0.059	4.990	0.163	7.069	0.546	7.076	0.478	7.082	0.406	7.086	0.284
5.021	0.220	5.031	0.143	5.041	0.088	5.058	0.061	7.091	0.226	7.094	0.198	7.104	0.225	7.114	0.216
5.073	0.033	5.081	0.006	5.089	-0.017	5.096	-0.013	7.120	0.212	7.128	0.180	7.132	0.189	7.138	0.293
5.105	0.014	5.118	0.081	5.130	0.148	5.143	0.197	7.145	0.356	7.153	0.387	7.160	0.410	7.169	0.373
5.158	0.278	5.171	0.399	5.185	0.488	5.197	0.542	7.180	0.396	7.189	0.364	7.199	0.395	7.209	0.490
5.208	0.559	5.217	0.545	5.227	0.509	5.239	0.422	7.221	0.657	7.234	0.842	7.244	1.279	7.269	1.261
5.254	0.282	5.269	0.150	5.281	0.028	5.291	-0.131	7.261	1.198	7.262	1.261	7.264	1.279	7.269	1.261
5.303	-0.353	5.315	-0.601	5.322	-0.773	5.328	-0.837	7.275	1.220	7.282	1.206	7.289	1.120	7.298	1.052
5.334	-0.855	5.340	-0.846	5.348	-0.792	5.358	-0.680	7.308	0.853	7.319	0.568	7.331	0.012	7.345	-0.842
5.369	-0.513	5.383	-0.257	5.401	0.036	5.419	0.284	7.373	-2.111	7.383	-2.455	7.391	-2.613	7.391	-2.613
5.432	0.455	5.440	0.550	5.451	0.621	5.464	0.675	7.400	-2.654	7.400	-2.668	7.407	-2.632	7.415	-2.605
5.470	0.698	5.476	0.693	5.484	0.647	5.492	0.521	7.421	-2.506	7.421	-2.367	7.442	-1.839	7.455	-1.032
5.507	0.367	5.510	0.132	5.519	-0.076	5.530	-0.329	7.469	-0.107	7.485	0.813	7.503	1.638	7.519	2.201
5.540	-0.442	5.547	-0.532	5.555	-0.632	5.561	-0.691	7.529	2.425	7.535	2.506	7.543	2.551	7.547	2.569
5.570	-0.709	5.580	-0.700	5.584	-0.673	5.590	-0.610	7.551	2.550	7.556	2.405	7.561	2.405	7.569	2.156
5.598	-0.565	5.606	-0.462	5.620	-0.218	5.634	-0.070	7.583	1.762	7.599	1.206	7.614	0.501	7.632	-0.187
5.642	0.264	5.648	0.359	5.657	0.435	5.661	0.480	7.651	-0.829	7.663	-1.250	7.671	-1.557	7.679	-1.734
5.668	0.489	5.676	0.484	5.689	0.443	5.699	0.430	7.687	-1.892	7.695	-1.938	7.701	-1.956	7.707	-1.988
								7.711	-1.970	7.717	-1.853	7.725	-1.669	7.734	-1.421

7.739	-1.358	7.749	-1.309	7.755	-1.138	7.760	-0.962	9.592	-0.240	9.596	-0.226	9.600	-0.194	9.605	-0.212
7.767	-0.854	7.776	-0.530	7.786	-0.250	7.795	0.029	9.608	-0.222	9.612	-0.393	9.618	-0.505	9.621	-0.532
7.807	0.173	7.811	0.245	7.822	0.339	7.830	0.533	9.626	-0.541	9.634	-0.555	9.640	-0.564	9.648	-0.586
7.835	0.812	7.846	1.056	7.853	1.376	7.858	1.475	9.656	-0.649	9.662	-0.635	9.670	-0.585	9.677	-0.585
7.864	1.533	7.868	1.655	7.871	1.786	7.876	1.813	9.689	-0.413	9.699	-0.192	9.711	0.088	9.727	0.368
7.879	1.799	7.884	1.718	7.890	1.573	7.898	1.293	9.737	0.638	9.748	0.900	9.760	1.031	9.768	1.153
7.903	1.099	7.908	1.035	7.914	0.949	7.922	0.913	9.777	1.234	9.784	1.261	9.789	1.279	9.795	1.251
7.932	0.899	7.943	0.899	7.947	0.867	7.954	0.713	9.801	1.175	9.809	1.030	9.822	0.826	9.829	0.668
7.962	0.347	7.970	0.018	7.978	-0.122	7.983	-0.177	9.837	0.479	9.846	0.122	9.862	-0.267	9.871	-0.588
7.991	-0.177	7.996	-0.222	8.003	-0.435	8.012	-0.710	9.881	-0.917	9.889	-1.134	9.899	-1.279	9.902	-1.315
8.024	-1.031	8.036	-1.411	8.048	-1.867	8.054	-2.043	9.907	-1.302	9.912	-1.243	9.920	-1.108	9.931	-0.765
8.060	-2.088	8.068	-2.106	8.074	-2.079	8.080	-1.958	9.936	-0.626	9.945	-0.481	9.961	-0.080	9.979	0.317
8.087	-1.840	8.098	-1.538	8.112	-1.069	8.128	-0.149	9.995	0.519	10.009	0.672	10.017	0.789	10.020	0.852
8.143	0.609	8.158	1.562	8.170	2.311	8.176	2.595	10.026	0.870	10.037	0.883	10.045	0.918	10.054	0.995
8.184	2.708	8.194	2.802	8.199	2.838	8.204	2.847	10.067	1.098	10.078	1.152	10.089	1.169	10.095	1.155
8.208	2.820	8.212	2.757	8.219	2.526	8.232	1.939	10.107	1.096	10.112	1.042	10.119	0.906	10.131	0.625
8.240	1.434	8.252	0.923	8.262	0.562	8.273	0.372	10.143	0.377	10.156	0.037	10.171	-0.482	10.187	-1.056
8.282	0.029	8.293	-0.522	8.304	-1.014	8.310	-1.230	10.193	-1.350	10.206	-1.500	10.217	-1.618	10.227	-1.631
8.316	-1.393	8.325	-1.488	8.330	-1.511	8.334	-1.492	10.233	-1.627	10.239	-1.564	10.249	-1.380	10.261	-1.172
8.344	-1.465	8.354	-1.371	8.363	-1.290	8.376	-1.078	10.273	-0.852	10.286	-0.618	10.299	-0.429	10.311	-0.032
8.388	-0.735	8.403	-0.062	8.418	0.583	8.424	0.782	10.326	0.315	10.336	0.571	10.345	0.684	10.353	0.810
8.432	0.863	8.437	1.007	8.448	1.152	8.461	1.318	10.363	0.868	10.376	0.958	10.382	1.034	10.390	1.165
8.465	1.427	8.469	1.454	8.475	1.440	8.479	1.395	10.394	1.192	10.404	1.178	10.414	1.178	10.422	1.137
8.487	1.156	8.495	0.962	8.507	0.781	8.517	0.451	10.430	1.059	10.439	0.888	10.450	0.662	10.466	0.309
8.527	0.149	8.540	-0.176	8.552	-0.493	8.557	-0.624	10.484	-0.165	10.496	-0.531	10.508	-0.842	10.515	-0.996
8.563	-0.642	8.573	-0.741	8.583	-0.872	8.590	-0.954	10.520	-1.041	10.526	-1.073	10.532	-1.172	10.543	-1.358
8.595	-0.976	8.601	-0.981	8.609	-0.990	8.614	-0.954	10.553	-1.471	10.566	-1.507	10.572	-1.548	10.577	-1.561
8.626	-0.796	8.631	-0.693	8.637	-0.544	8.648	-0.354	10.581	-1.539	10.590	-1.462	10.598	-1.349	10.608	-1.178
8.656	-0.111	8.665	0.133	8.674	0.268	8.682	0.395	10.620	-0.882	10.632	-0.632	10.639	-0.501	10.646	-0.420
8.687	0.440	8.695	0.444	8.704	0.449	8.707	0.435	10.660	-0.032	10.675	0.455	10.690	0.901	10.703	1.104
8.714	0.336	8.723	0.196	8.729	0.119	8.734	0.097	10.710	1.339	10.724	1.373	10.730	1.463	10.740	1.567
8.741	0.101	8.746	0.074	8.751	-0.016	8.762	-0.048	10.750	1.625	10.756	1.733	10.764	1.791	10.772	1.895
8.771	-0.066	8.782	-0.079	8.789	-0.097	8.795	-0.075	10.780	1.962	10.788	1.966	10.791	1.932	10.799	1.844
8.803	-0.025	8.812	-0.052	8.819	-0.029	8.824	0.052	10.807	1.694	10.822	1.373	10.838	0.781	10.852	0.023
8.842	0.432	8.853	0.667	8.863	0.883	8.872	0.992	10.868	-0.900	10.880	-1.614	10.889	-1.975	10.899	-2.278
8.877	1.114	8.881	1.145	8.885	1.155	8.891	1.137	10.906	-2.437	10.910	-2.487	10.914	-2.505	10.920	-2.487
8.895	1.092	8.901	1.006	8.907	0.834	8.919	0.293	10.924	-2.442	10.931	-2.324	10.937	-2.185	10.942	-2.049
8.933	-0.447	8.948	-1.336	8.957	-1.657	8.965	-1.918	10.950	-1.806	10.958	-1.508	10.972	-0.885	10.987	-0.276
8.971	-2.085	8.978	-2.207	8.983	-2.275	8.989	-2.261	11.002	0.396	11.018	1.050	11.034	1.617	11.045	2.084
8.995	-2.216	9.002	-2.144	9.011	-1.782	9.027	-1.164	11.054	2.287	11.057	2.336	11.062	2.345	11.065	2.318
9.043	-0.586	9.058	0.019	9.077	0.836	9.094	1.504	11.071	2.237	11.079	2.083	11.085	1.993	11.092	1.952
9.106	1.833	9.113	2.023	9.120	2.059	9.128	2.104	11.098	1.875	11.105	1.772	11.115	1.537	11.123	1.392
9.136	2.181	9.142	2.204	9.149	2.185	9.158	2.131	11.134	1.040	11.140	0.900	11.148	0.728	11.163	0.304
9.164	2.046	9.174	1.752	9.186	1.436	9.197	0.922	11.177	-0.170	11.187	-0.527	11.195	-0.721	11.207	-0.907
9.212	0.263	9.226	-0.717	9.243	-1.899	9.252	-2.396	11.216	-1.015	11.222	-0.074	11.231	-1.128	11.237	-1.164
9.259	-2.649	9.267	-2.838	9.274	-2.915	9.279	-2.960	11.242	-1.124	11.254	-1.120	11.258	-1.057	11.266	-0.980
9.284	-2.924	9.290	-2.703	9.304	-2.139	9.314	-1.674	11.277	-0.935	11.289	-0.890	11.293	-0.850	11.303	-0.741
9.324	-1.136	9.337	-0.207	9.354	0.705	9.362	1.211	11.313	-0.760	11.319	-0.683	11.327	-0.557	11.335	-0.485
9.373	1.496	9.381	1.744	9.390	1.902	9.395	1.970	11.345	-0.444	11.353	-0.350	11.361	-0.178	11.369	-0.106
9.402	2.006	9.408	1.992	9.408	1.952	9.417	1.914	11.373	0.034	11.381	0.056	11.391	0.268	11.399	0.403
9.422	1.893	9.430	1.568	9.443	1.063	9.454	0.612	11.404	0.512	11.410	0.579	11.420	0.778	11.427	0.918
9.464	0.341	9.475	0.025	9.484	-0.250	9.493	-0.349	11.431	1.026	11.435	1.048	11.439	1.039	11.443	1.012
9.502	-0.485	9.504	-0.539	9.512	-0.557	9.517	-0.534	11.449	1.066	11.455	1.075	11.458	1.057	11.462	0.940
9.528	-0.444	9.540	-0.358	9.549	-0.362	9.554	-0.335	11.465	0.990	11.469	0.872	11.473	0.877	11.481	0.967
9.558	-0.276	9.565	-0.168	9.568	-0.132	9.573	-0.123	11.487	1.016	11.494	1.174	11.495	1.224	11.500	1.242
9.576	-0.136	9.577	-0.163	9.580	-0.204	9.584	-0.226	11.503	1.228	11.510	1.115	11.519	1.039	11.526	0.953

11.537	0.601	11.544	0.483	11.557	0.307	11.567	0.045	13.990	-0.409	14.005	-0.423	14.023	-0.298	14.031	-0.162
11.577	-0.402	11.588	-0.781	11.598	-0.993	11.608	-1.111	14.042	-0.068	14.063	0.184	14.065	0.184	14.084	0.382
11.615	-1.274	11.624	-1.351	11.630	-1.337	11.641	-1.297	14.094	0.440	14.108	0.381	14.108	0.389	14.110	0.191
11.647	-1.216	11.657	-1.031	11.670	-0.702	11.687	-0.324	14.116	0.236	14.136	0.430	14.149	0.389	14.162	0.271
11.672	0.127	11.717	0.431	11.730	0.564	11.740	0.799	14.186	0.198	14.187	0.198	14.201	0.301	14.208	0.197
11.744	0.812	11.749	0.826	11.757	0.861	11.764	0.830	14.223	0.232	14.236	0.277	14.238	0.245	14.246	0.263
11.769	0.793	11.779	0.590	11.792	0.296	11.804	0.043	14.260	0.195	14.313	0.098	14.313	0.098	14.326	0.048
11.808	-0.038	11.818	-0.093	11.827	-0.292	11.836	-0.567	14.345	0.025	14.361	-0.089	14.362	-0.197	14.384	-0.225
11.840	-0.680	11.842	-0.703	11.847	-0.689	11.852	-0.621	14.401	-0.239	14.408	-0.275	14.426	-0.271	14.434	-0.209
11.862	-0.369	11.876	-0.152	11.890	-0.068	11.904	0.154	14.457	-0.101	14.468	0.088	14.490	0.272	14.502	0.349
11.911	0.272	11.920	0.542	11.927	0.723	11.932	0.777	14.506	0.317	14.519	0.353	14.530	0.402	14.544	0.392
11.935	0.804	11.940	0.786	11.949	0.713	11.962	0.646	14.559	0.338	14.562	0.234	14.581	0.066	14.605	-0.007
11.966	0.582	11.975	0.348	11.984	0.036	11.993	-0.095	14.640	0.055	14.645	0.032	14.660	0.049	14.676	0.175
12.002	-0.204	12.012	-0.398	12.020	-0.530	12.033	-0.616	14.689	0.220	14.705	0.287	14.730	0.259	14.738	0.137
12.042	-0.706	12.056	-0.843	12.070	-1.010	12.077	-1.087	14.760	0.001	14.773	-0.153	14.792	-0.307	14.809	-0.406
12.084	-1.105	12.090	-1.097	12.100	-1.016	12.106	-0.926	14.820	-0.447	14.843	-0.479	14.855	-0.511	14.875	-0.458
12.114	-0.863	12.125	-0.682	12.138	-0.435	12.152	-0.065	14.891	-0.309	14.903	-0.197	14.924	0.110	14.944	0.362
12.170	0.337	12.187	0.644	12.199	0.816	12.208	0.906	14.960	0.592	14.987	0.812	14.992	0.857	15.005	0.870
12.215	0.996	12.221	1.018	12.227	1.032	12.232	1.041	15.007	0.794	15.031	0.563	15.052	0.314	15.068	0.092
12.237	1.027	12.243	0.986	12.251	0.887	12.260	0.688	15.093	-0.188	15.117	-0.324	15.135	-0.419	15.149	-0.541
12.272	0.408	12.279	0.286	12.290	0.217	12.303	0.162	15.165	-0.605	15.188	-0.628	15.210	-0.606	15.218	-0.539
12.314	0.084	12.324	0.007	12.331	-0.030	12.346	-0.027	15.231	-0.309	15.249	-0.111	15.264	0.114	15.285	0.358
12.353	-0.014	12.360	0.071	12.372	0.170	12.377	0.228	15.295	0.547	15.311	0.781	15.324	0.930	15.336	0.929
12.385	0.259	12.390	0.227	12.399	0.164	12.410	-0.009	15.355	0.942	15.370	0.901	15.386	0.671	15.403	0.241
12.428	-0.375	12.445	-0.688	12.458	-1.000	12.471	-1.217	15.426	-0.283	15.442	-0.527	15.454	-0.835	15.467	-0.663
12.478	-1.358	12.489	-1.434	12.502	-1.469	12.509	-1.455	15.478	-0.600	15.498	-0.374	15.520	-0.072	15.536	0.162
12.519	-0.373	12.530	-0.125	12.541	-0.020	12.553	-0.744	15.556	0.365	15.573	0.518	15.590	0.535	15.594	0.531
12.565	-0.373	12.581	0.169	12.595	0.689	12.606	1.069	15.620	0.503	15.628	0.358	15.641	0.100	15.677	-0.195
12.620	1.436	12.633	1.667	12.647	2.069	12.657	2.187	15.694	-0.354	15.708	-0.377	15.728	-0.248	15.736	-0.230
12.667	2.219	12.681	2.264	12.692	2.237	12.704	2.056	15.757	-0.078	15.772	-0.192	15.789	-0.426	15.810	0.655
12.721	1.528	12.737	0.765	12.749	0.084	12.773	1.235	15.826	0.826	15.840	0.906	15.855	0.802	15.870	0.620
12.790	-1.858	12.805	-2.133	12.815	-2.346	12.838	-2.432	15.888	0.299	15.912	-0.136	15.933	-0.516	15.954	-0.760
12.841	-2.279	12.849	-2.080	12.859	-1.791	12.873	-1.516	15.966	-0.865	15.982	-0.883	15.994	-0.803	16.013	-0.474
12.881	-1.025	12.894	-0.519	12.908	-0.032	12.919	0.536	16.035	-0.101	16.059	0.286	16.073	0.651	16.081	0.655
12.934	0.865	12.942	1.104	12.952	1.109	12.964	1.284	16.096	0.771	16.118	0.743	16.131	0.660	16.153	0.433
12.975	1.537	12.985	1.798	12.995	1.834	13.006	1.798	16.172	0.242	16.188	0.137	16.214	-0.027	16.225	-0.298
13.016	1.725	13.027	1.608	13.036	1.440	13.045	1.282	16.235	-0.407	16.265	-0.499	16.276	-0.644	16.301	-0.623
13.059	0.948	13.068	0.636	13.084	0.347	13.097	0.139	16.320	-0.561	16.329	-0.421	16.347	-0.210	16.363	0.001
13.108	-0.097	13.116	-0.273	13.130	-0.494	13.140	-0.725	16.359	0.338	16.411	0.450	16.437	0.567	16.455	0.579
13.152	-0.811	13.166	-0.911	13.180	-0.988	13.204	-1.075	16.469	0.525	16.493	0.338	16.511	0.202	16.525	0.053
13.214	-1.188	13.228	-1.247	13.256	-1.280	13.270	-1.248	16.541	-0.169	16.576	-0.352	16.592	-0.519	16.609	-0.651
13.283	-1.150	13.292	-0.829	13.312	-0.469	13.322	0.528	16.632	-0.594	16.643	-0.536	16.662	-0.289	16.681	-0.064
13.334	0.415	13.342	0.640	13.352	0.843	13.356	0.806	16.701	0.205	16.708	0.236	16.721	0.303	16.749	0.396
13.366	1.348	13.377	1.081	13.391	1.387	13.408	1.179	16.770	0.413	16.789	0.349	16.808	0.298	16.821	0.229
13.408	1.179	13.422	1.025	13.431	1.087	13.441	0.531	16.838	0.147	16.857	0.114	16.870	-0.022	16.893	-0.082
13.451	0.364	13.464	0.453	13.487	-0.180	13.495	-0.216	16.908	-0.177	16.922	-0.282	16.948	-0.220	16.954	-0.189
13.506	-0.154	13.510	-0.285	13.516	-0.452	13.527	-0.539	16.986	0.049	16.990	0.206	16.999	0.287	17.024	0.371
13.544	-0.494	13.557	-0.716	13.586	-0.799	13.591	-0.903	17.036	0.398	17.043	0.420	17.068	0.369	17.099	0.336
13.601	-0.849	13.623	-0.886	13.625	-0.918	13.640	-0.783	17.126	0.303	17.157	0.306	17.178	0.278	17.196	0.264
13.649	-0.635	13.662	-0.427	13.678	-0.379	13.683	0.136	17.225	-0.077	17.232	-0.172	17.253	-0.299	17.276	-0.364
13.692	0.126	13.699	0.325	13.703	0.343	13.713	0.143	17.298	-0.332	17.312	-0.307	17.329	-0.187	17.368	0.027
13.721	0.405	13.732	0.427	13.745	0.778	13.762	0.778	17.385	0.085	17.409	0.155	17.435	0.266	17.443	0.256
13.779	0.791	13.788	0.808	13.795	0.767	13.799	0.612	17.457	0.237	17.470	0.186	17.479	0.154	17.499	0.076
13.817	0.699	13.827	0.667	13.839	0.440	13.850	0.472	17.506	0.013	17.523	-0.124	17.537	-0.206	17.557	-0.288
13.861	0.448	13.869	0.263	13.896	0.208	13.914	0.058	17.573	-0.343	17.601	-0.345	17.617	-0.246	17.635	-0.148
13.926	-0.024	13.956	-0.138	13.967	-0.305	13.982	-0.405	17.637	-0.162	17.665	-0.064	17.669	-0.078	17.691	-0.007

17.710	-0.031	17.731	-0.046	17.750	-0.047	17.771	-0.049	20.842	-0.195	20.850	-0.150	20.863	-0.074	20.872	0.002
17.789	0.013	17.792	0.013	17.817	0.241	17.830	0.312	20.884	0.133	20.898	0.254	20.912	0.334	20.931	0.419
17.856	0.405	17.870	0.386	17.895	0.303	17.908	0.163	20.956	0.544	20.971	0.485	20.986	0.403	21.001	0.284
17.926	0.031	17.944	-0.114	17.963	-0.224	17.966	-0.269	21.013	0.130	21.037	0.066	21.051	0.043	21.069	0.064
17.984	-0.387	18.014	-0.312	18.028	-0.196	18.044	-0.065	21.083	0.050	21.095	0.059	21.112	0.126	21.129	0.139
18.059	0.214	18.072	0.273	18.088	0.421	18.104	0.430	21.131	0.134	21.157	0.174	21.170	0.173	21.187	0.177
18.107	0.443	18.126	0.335	18.138	0.226	18.150	0.122	21.202	0.208	21.213	0.231	21.230	0.252	21.249	0.247
18.162	0.009	18.172	-0.140	18.183	-0.262	18.199	-0.358	21.259	0.202	21.285	0.056	21.291	-0.098	21.312	-0.175
18.217	-0.376	18.240	-0.345	18.252	-0.268	18.267	-0.183	21.323	-0.216	21.342	-0.195	21.346	-0.195	21.368	-0.074
18.271	0.120	18.292	0.011	18.300	0.061	18.313	0.169	21.376	0.002	21.387	0.115	21.401	0.195	21.421	0.294
18.326	0.223	18.339	0.250	18.370	0.380	18.379	0.403	21.425	0.303	21.440	0.261	21.453	0.225	21.461	0.147
18.393	0.430	18.404	0.398	18.412	0.344	18.428	0.321	21.474	0.039	21.491	-0.080	21.515	-0.148	21.531	-0.135
18.441	0.281	18.454	0.190	18.468	0.095	18.479	0.005	21.549	-0.122	21.555	-0.158	21.581	-0.055	21.606	-0.024
18.497	-0.040	18.515	-0.068	18.521	-0.072	18.535	-0.036	21.610	-0.051	21.638	-0.042	21.653	-0.092	21.668	-0.087
18.549	0.013	18.561	0.067	18.575	0.094	18.588	0.112	21.675	-0.150	21.694	-0.137	21.715	-0.074	21.728	-0.065
18.603	0.094	18.613	0.112	18.628	0.139	18.639	0.216	21.753	0.026	21.766	0.062	21.776	-0.006	21.787	-0.024
18.652	0.252	18.659	0.256	18.681	0.315	18.695	0.459	21.799	-0.056	21.809	-0.092	21.825	-0.115	21.828	-0.182
18.707	0.549	18.711	0.595	18.717	0.599	18.729	0.694	21.848	-0.273	21.875	-0.300	21.885	-0.273	21.896	-0.201
18.733	0.649	18.735	0.558	18.739	0.617	18.749	0.545	21.921	-0.116	21.926	-0.130	21.937	-0.108	21.952	-0.018
18.758	0.450	18.779	0.315	18.798	0.152	18.809	-0.110	21.978	0.103	21.989	0.112	22.014	0.115	22.028	0.056
18.829	-0.317	18.838	-0.381	18.854	-0.367	18.865	-0.340	22.046	-0.082	22.066	-0.037	22.081	-0.051	22.098	-0.034
18.883	-0.272	18.892	-0.223	18.894	-0.146	18.911	0.039	22.112	0.031	22.128	0.140	22.138	0.184	22.155	0.193
18.929	0.219	18.934	0.364	18.957	0.463	18.967	0.553	22.174	0.169	22.176	0.083	22.203	0.026	22.216	-0.085
18.974	0.544	18.989	0.539	19.005	0.548	19.023	0.413	22.219	-0.149	22.240	-0.127	22.253	-0.145	22.265	-0.123
19.025	0.264	19.042	0.178	19.055	0.079	19.071	-0.025	22.288	-0.024	22.300	0.007	22.321	0.075	22.331	0.051
19.083	-0.125	19.090	-0.188	19.106	-0.184	19.116	-0.188	22.357	0.046	22.371	0.005	22.387	-0.004	22.397	-0.045
19.132	-0.143	19.143	-0.058	19.149	-0.040	19.163	0.033	22.409	-0.000	22.417	0.058	22.432	0.144	22.445	0.206
19.176	0.082	19.188	0.163	19.202	0.167	19.212	0.158	22.464	0.319	22.477	0.386	22.489	0.404	22.501	0.377
19.226	0.122	19.242	0.049	19.254	-0.019	19.268	-0.159	22.515	0.341	22.523	0.255	22.539	0.196	22.553	0.146
19.272	-0.268	19.294	-0.390	19.298	-0.485	19.308	-0.512	22.569	0.115	22.596	0.138	22.603	0.147	22.617	0.147
19.325	-0.499	19.350	-0.333	19.367	-0.109	19.376	-0.021	22.637	0.092	22.654	0.029	22.667	-0.034	22.687	-0.088
19.394	0.223	19.403	0.403	19.414	0.497	19.429	0.605	22.692	-0.196	22.719	-0.250	22.719	-0.277	22.736	-0.299
19.447	0.658	19.461	0.589	19.476	0.497	19.490	0.289	22.763	-0.277	22.779	-0.213	22.788	-0.118	22.801	-0.100
19.500	0.085	19.519	-0.116	19.520	-0.116	19.543	-0.221	22.815	0.013	22.833	0.180	22.852	0.338	22.868	0.406
19.563	-0.228	19.583	-0.220	19.584	-0.229	19.598	-0.208	22.878	0.456	22.892	0.465	22.908	0.429	22.926	0.303
19.616	-0.137	19.634	0.046	19.642	0.086	19.664	0.206	22.940	0.253	22.958	0.190	22.968	0.086	22.990	-0.004
19.676	0.278	19.691	0.331	19.706	0.343	19.723	0.256	23.004	-0.140	23.009	-0.257	23.028	-0.389	23.040	-0.462
19.739	0.169	19.750	0.069	19.764	-0.063	19.773	-0.158	23.056	-0.526	23.066	-0.567	23.080	-0.468	23.095	-0.370
19.791	-0.313	19.797	-0.340	19.805	-0.390	19.817	-0.346	23.108	-0.298	23.121	-0.137	23.132	-0.065	23.138	0.061
19.831	-0.279	19.849	-0.189	19.853	-0.154	19.865	-0.064	23.150	0.218	23.172	0.420	23.182	0.582	23.190	0.626
19.874	-0.001	19.895	0.098	19.896	0.151	19.908	0.187	23.206	0.644	23.217	0.526	23.219	0.517	23.238	0.399
19.922	0.177	19.935	0.136	19.951	0.077	19.959	0.027	23.250	0.218	23.274	0.051	23.288	-0.126	23.299	-0.226
19.973	-0.041	19.983	-0.091	19.999	-0.155	20.020	-0.196	23.310	-0.348	23.323	-0.429	23.334	-0.484	23.352	-0.426
20.033	-0.210	20.047	-0.206	20.061	-0.265	20.074	-0.319	23.371	-0.390	23.379	-0.422	23.401	-0.211	23.416	-0.085
20.089	-0.383	20.110	-0.419	20.129	-0.415	20.144	-0.388	23.425	-0.031	23.442	0.040	23.460	0.071	23.490	0.165
20.157	-0.321	20.172	-0.145	20.189	0.031	20.202	0.261	23.509	0.164	23.513	0.100	23.537	0.095	23.543	0.045
20.216	0.459	20.237	0.625	20.246	0.648	20.262	0.602	23.566	0.076	23.578	0.080	23.603	0.169	23.607	0.147
20.270	0.475	20.282	0.304	20.297	0.087	20.312	-0.135	23.633	0.146	23.654	0.150	23.668	0.119	23.689	0.069
20.326	-0.375	20.352	-0.579	20.365	-0.670	20.374	-0.679	23.702	0.019	23.726	0.028	23.743	0.032	23.761	0.050
20.389	-0.585	20.406	-0.459	20.420	-0.288	20.440	-0.153	23.777	0.041	23.785	0.068	23.814	0.140	23.831	0.162
20.464	-0.001	20.474	0.035	20.494	0.039	20.504	0.030	23.849	0.166	23.860	0.116	23.885	0.097	23.905	0.084
20.507	0.016	20.533	-0.030	20.546	-0.013	20.565	0.050	23.926	0.031	23.934	-0.001	23.948	-0.039	23.964	-0.171
20.584	0.113	20.597	0.103	20.615	0.112	20.635	0.102	23.980	-0.172	23.999	-0.164	24.011	-0.169	24.031	-0.189
20.640	0.043	20.660	-0.007	20.682	0.028	20.695	0.023	24.032	-0.189	24.054	0.009	24.067	0.049	24.082	0.161
20.720	0.117	20.728	0.067	20.742	0.049	20.759	-0.001	24.099	0.250	24.104	0.250	24.132	0.309	24.151	0.286
20.778	-0.074	20.794	-0.174	20.813	-0.225	20.826	-0.203	24.162	0.182	24.180	0.101	24.196	-0.030	24.214	-0.112

24.228	-0.202	24.249	-0.225	24.255	-0.302	24.274	-0.315	28.372	0.126	28.394	-0.005	28.415	-0.100	28.433	-0.199
24.303	-0.293	24.321	-0.288	24.333	-0.252	24.352	-0.202	28.452	-0.280	28.475	-0.329	28.493	-0.302	28.522	-0.189
24.361	-0.157	24.385	-0.004	24.397	0.114	24.407	0.213	28.546	-0.080	28.567	0.010	28.595	0.096	28.610	0.097
24.423	-0.227	24.430	0.218	24.452	0.141	24.463	0.023	28.633	0.138	28.661	0.147	28.684	0.098	28.703	0.071
24.480	-0.045	24.506	-0.109	24.526	-0.159	24.538	-0.150	28.727	-0.019	28.751	-0.154	28.769	-0.248	28.791	-0.347
24.556	-0.146	24.579	-0.088	24.599	-0.061	24.617	-0.021	28.815	-0.365	28.842	-0.287	28.869	-0.106	28.893	0.039
24.638	-0.049	24.658	-0.017	24.674	-0.003	24.697	0.007	28.911	0.129	28.922	0.148	28.937	-0.143	28.960	0.076
24.714	0.020	24.731	0.075	24.751	0.089	24.770	0.098	28.981	-0.019	29.001	-0.082	29.015	-0.118	29.036	-0.131
24.789	0.036	24.807	-0.036	24.820	-0.090	24.830	-0.144	29.060	-0.013	29.094	-0.108	29.118	-0.117	29.151	-0.085
24.863	-0.144	24.874	-0.175	24.897	-0.094	24.919	0.040	29.170	-0.085	29.197	-0.094	29.229	-0.071	29.262	-0.049
24.923	-0.031	24.938	0.005	24.967	0.068	24.983	0.027	29.293	-0.022	29.322	-0.008	29.342	-0.008	29.362	-0.013
25.012	-0.105	25.019	-0.191	25.039	-0.188	25.064	-0.171	29.394	-0.035	29.418	-0.081	29.447	-0.108	29.474	-0.140
25.071	-0.171	25.093	-0.086	25.114	0.003	25.133	0.034	29.499	-0.149	29.528	-0.131	29.557	-0.099	29.582	-0.109
25.152	-0.020	25.167	-0.025	25.186	-0.065	25.199	-0.181	29.607	-0.145	29.634	-0.154	29.663	-0.154	29.688	-0.128
25.219	-0.189	25.228	-0.202	25.236	-0.129	25.248	-0.019	29.715	-0.092	29.736	-0.065	29.757	-0.015	29.779	-0.016
25.259	0.031	25.272	0.073	25.282	0.114	25.295	0.151	29.810	-0.075	29.827	-0.115	29.853	-0.156	29.888	-0.138
25.310	0.161	25.317	0.138	25.325	0.125	25.327	0.107	29.911	-0.129	29.931	-0.143	29.958	-0.152	29.975	-0.166
25.335	0.085	25.348	0.054	25.361	0.018	25.378	-0.027	30.007	-0.180	30.033	-0.180	30.047	-0.180	30.066	-0.171
25.393	-0.063	25.405	-0.063	25.425	-0.036	25.444	-0.026	30.087	-0.144	30.120	-0.094	30.144	-0.081	30.173	-0.031
25.457	-0.022	25.470	-0.026	25.488	-0.062	25.496	-0.067	30.191	-0.013	30.215	-0.045	30.239	-0.086	30.263	-0.149
25.502	-0.076	25.516	-0.071	25.534	-0.035	25.549	0.005	30.290	-0.204	30.315	-0.249	30.348	-0.268	30.382	-0.255
25.565	0.060	25.573	0.100	25.590	0.127	25.606	0.136	30.405	-0.237	30.430	-0.197	30.452	-0.157	30.476	-0.116
25.628	0.132	25.640	0.082	25.656	0.050	25.672	0.010	30.499	-0.072	30.520	-0.004	30.542	-0.063	30.568	0.090
25.686	-0.017	25.698	-0.049	25.710	-0.089	25.724	-0.117	30.588	0.094	30.613	0.039	30.636	-0.038	30.658	-0.142
25.744	-0.162	25.761	-0.198	25.872	-0.396	25.894	-0.324	30.786	-0.264	30.794	-0.319	30.726	-0.350	30.760	-0.283
25.917	-0.215	25.928	-0.174	25.949	-0.043	25.966	0.011	30.897	-0.157	30.813	-0.003	30.848	-0.114	30.870	0.127
25.988	0.034	26.000	0.047	26.014	0.030	26.033	-0.033	30.989	-0.023	31.007	-0.000	31.025	-0.005	31.049	-0.059
26.051	-0.119	26.067	-0.187	26.084	-0.222	26.109	-0.285	31.077	-0.100	31.099	-0.123	31.116	-0.141	31.129	-0.141
26.129	-0.276	26.144	-0.253	26.166	-0.240	26.185	-0.253	31.155	-0.119	31.179	-0.096	31.196	-0.047	31.225	0.020
26.200	-0.257	26.219	-0.234	26.248	-0.157	26.268	-0.093	31.254	0.065	31.279	0.133	31.301	0.164	31.315	0.164
26.291	-0.007	26.306	0.039	26.323	0.062	26.340	0.094	31.340	0.146	31.361	0.114	31.383	0.068	31.403	0.032
26.356	0.112	26.375	0.077	26.395	0.045	26.417	0.051	31.433	-0.009	31.461	-0.023	31.489	-0.036	31.515	-0.046
26.436	0.037	26.451	0.002	26.471	-0.052	26.488	-0.133	31.542	-0.060	31.568	-0.078	31.592	-0.069	31.620	-0.079
26.499	-0.205	26.513	-0.268	26.531	-0.303	26.548	-0.307	31.640	0.003	31.661	0.052	31.678	0.120	31.706	0.173
26.568	-0.271	26.584	-0.199	26.602	-0.108	26.618	-0.005	31.722	0.196	31.742	0.178	31.760	0.124	31.778	0.051
26.632	0.068	26.640	0.099	26.662	0.198	26.682	0.233	31.802	-0.084	31.818	-0.152	31.838	-0.206	31.863	-0.229
26.774	-0.076	26.790	-0.144	26.815	-0.234	26.835	-0.266	31.891	-0.184	31.916	-0.116	31.947	-0.026	31.966	0.032
26.854	-0.247	26.876	-0.170	26.898	-0.066	26.920	0.066	31.988	0.041	32.010	0.028	32.030	-0.035	32.058	-0.121
26.940	0.161	26.964	0.215	26.979	0.238	26.997	0.198	32.080	-0.189	32.102	-0.207	32.128	-0.153	32.150	-0.082
27.014	0.131	27.028	0.068	27.052	-0.017	27.074	-0.102	32.169	0.010	32.185	0.069	32.204	0.069	32.225	0.023
27.097	-0.147	27.115	-0.142	27.129	-0.123	27.156	-0.064	32.246	-0.049	32.267	-0.171	32.289	-0.238	32.311	-0.284
27.174	-0.036	27.193	0.005	27.217	0.029	27.243	0.017	32.334	-0.256	32.356	-0.180	32.380	-0.076	32.398	0.009
27.269	0.004	27.292	-0.009	27.311	-0.026	27.329	-0.039	32.417	0.090	32.443	0.121	32.463	0.102	32.483	0.030
27.355	-0.024	27.385	-0.019	27.404	-0.055	27.425	-0.099	32.500	-0.025	32.524	-0.125	32.547	-0.202	32.575	-0.257
27.447	-0.180	27.471	-0.256	27.494	-0.301	27.515	-0.309	32.602	-0.245	32.621	-0.232	32.633	-0.187	32.667	-0.112
27.535	-0.250	27.563	-0.128	27.587	0.004	27.605	0.117	32.687	-0.040	32.713	0.035	32.740	0.061	32.764	0.038
27.627	0.217	27.642	0.235	27.658	0.209	27.676	0.128	32.793	0.001	32.823	-0.049	32.856	-0.090	32.881	-0.122
27.698	-0.021	27.717	-0.164	27.736	-0.263	27.754	-0.294	32.913	-0.141	32.936	-0.195	32.962	-0.245	32.988	-0.246
27.772	-0.294	27.791	-0.221	27.817	-0.094	27.831	-0.021	33.018	-0.192	33.038	-0.120	33.060	-0.038	33.076	0.021
27.858	0.038	27.874	0.029	27.898	0.017	27.930	-0.010	33.098	0.071	33.122	0.080	33.143	0.044	33.166	-0.037
27.951	-0.014	27.977	-0.009	28.002	0.005	28.021	0.037	33.193	-0.118	33.212	-0.167	33.236	-0.212	33.259	-0.239
28.040	0.038	28.058	0.020	28.076	-0.007	28.098	-0.029	33.276	-0.271	33.300	-0.257	33.332	-0.202	33.372	-0.125
28.118	-0.064	28.140	-0.105	28.161	-0.145	28.183	-0.153	33.405	-0.044	33.442	-0.003	33.472	0.007	33.499	-0.016
28.207	-0.130	28.231	-0.067	28.247	-0.017	28.263	0.079	33.525	-0.056	33.559	-0.069	33.583	-0.074	33.613	-0.123
28.284	-0.174	28.309	0.260	28.327	0.279	28.344	0.247	33.648	-0.181	33.671	-0.208	33.695	-0.199	33.722	-0.140

33.749	-0.054	33.774	0.032	33.801	0.095	33.823	0.118	39.466	0.027	39.474	-0.009	39.487	-0.045	39.494	-0.085
33.854	0.091	33.890	0.055	33.916	-0.004	33.943	-0.058	39.504	-0.112	39.524	-0.157	39.541	-0.202	39.563	-0.211
33.975	0.126	34.013	-0.157	34.045	-0.103	34.080	0.046	39.587	-0.202	39.607	-0.183	39.631	-0.102	39.652	-0.029
34.104	0.141	34.126	0.200	34.142	0.222	34.161	0.182	39.682	0.040	39.703	0.091	39.723	0.091	39.744	0.074
34.186	0.078	34.222	-0.034	34.244	-0.079	34.266	-0.084	39.765	0.025	39.790	-0.019	39.815	-0.072	39.840	-0.107
34.296	0.034	34.325	-0.002	34.360	0.043	34.386	0.075	39.866	-0.137	39.882	-0.163	39.905	-0.180	39.925	-0.178
34.413	0.080	34.448	0.004	34.480	-0.090	34.516	-0.157	39.935	-0.187	39.962	-0.158	39.987	-0.093	40.016	-0.019
34.536	-0.184	34.556	-0.156	34.584	-0.092	34.611	0.008	40.039	0.027	40.068	0.009	40.094	-0.040	40.120	-0.094
34.640	0.040	34.674	-0.013	34.707	-0.066	34.733	-0.047	40.142	-0.102	40.169	-0.111	40.191	-0.101	40.211	-0.097
34.753	-0.015	34.777	-0.005	34.816	-0.013	34.849	-0.148	40.238	-0.096	40.270	-0.117	40.295	-0.116	40.317	-0.092
34.878	-0.237	34.907	-0.277	34.935	-0.304	34.953	-0.303	40.343	-0.051	40.370	-0.036	40.396	-0.012	40.424	-0.024
34.984	-0.181	35.014	-0.027	35.048	0.108	35.075	0.163	40.448	-0.050	40.467	-0.076	40.491	-0.092	40.516	-0.144
35.101	0.141	35.131	0.006	35.163	-0.134	35.205	-0.237	40.542	-0.178	40.563	-0.190	40.590	-0.147	40.614	-0.069
35.231	-0.228	35.251	-0.182	35.273	-0.155	35.295	-0.082	40.629	-0.004	40.644	0.069	40.664	0.147	40.689	0.176
35.324	-0.037	35.350	-0.005	35.376	0.018	35.406	-0.013	40.707	0.155	40.724	0.097	40.742	0.013	40.761	-0.058
35.437	0.006	35.467	0.060	35.493	0.106	35.522	0.084	40.778	-0.112	40.816	-0.173	40.840	-0.163	40.864	-0.148
35.549	0.008	35.573	-0.086	35.614	-0.248	35.638	-0.284	40.896	-0.097	40.917	-0.067	40.927	-0.051	40.934	-0.043
35.662	-0.224	35.682	-0.134	35.707	0.065	35.728	0.179	40.944	-0.031	40.949	-0.026	40.955	-0.008		
35.750	0.233	35.781	0.162	35.816	0.009	35.838	-0.099								
35.866	-0.185	35.886	-0.025	35.918	-0.143	35.944	-0.030								
35.975	0.033	36.000	0.025	36.034	-0.042	36.075	-0.119								
36.097	-0.132	36.135	0.009	36.156	0.095	36.184	0.145								
36.219	0.110	36.247	-0.016	36.280	-0.129	36.319	-0.214								
36.353	-0.191	36.374	-0.168	36.417	-0.018	36.436	-0.009								
36.478	-0.054	36.499	-0.053	36.521	-0.053	36.547	-0.030								
36.572	-0.052	36.602	-0.084	36.632	-0.074	36.656	-0.101								
36.688	-0.155	36.726	-0.195	36.747	-0.186	36.774	-0.131								
36.798	-0.077	36.835	0.005	36.860	0.009	36.900	-0.004								
36.931	-0.053	36.966	-0.080	36.993	-0.111	37.018	-0.156								
37.046	-0.182	37.070	-0.155	37.094	-0.114	37.118	-0.104								
37.143	-0.108	37.166	-0.135	37.188	-0.175	37.204	-0.202								
37.223	-0.201	37.257	-0.182	37.293	-0.122	37.315	-0.121								
37.351	-0.097	37.375	-0.033	37.413	0.077	37.441	0.092								
37.457	0.097	37.470	0.070	37.495	-0.059	37.524	-0.215								
37.549	-0.318	37.569	-0.335	37.599	-0.274	37.631	-0.087								
37.663	0.104	37.697	0.192	37.727	0.230	37.765	0.165								
37.785	0.103	37.809	-0.013	37.826	-0.086	37.839	-0.135								
37.842	-0.157	37.848	-0.171	37.858	-0.193	37.868	-0.206								
37.884	-0.223	37.916	-0.168	37.948	-0.054	37.981	0.061								
38.004	0.102	38.025	0.103	38.048	0.040	38.076	-0.022								
38.110	-0.075	38.124	-0.074	38.143	-0.060	38.169	-0.014								
38.193	0.028	38.222	0.033	38.250	-0.026	38.270	-0.089								
38.290	-0.143	38.310	-0.151	38.340	-0.119	38.374	-0.060								
38.399	0.008	38.423	0.075	38.448	0.112	38.478	0.130								
38.495	0.107	38.516	0.058	38.531	0.013	38.549	-0.028								
38.567	-0.082	38.577	-0.086	38.601	-0.122	38.616	-0.149								
38.632	-0.148	38.655	-0.135	38.681	-0.080	38.710	-0.043								
38.732	-0.052	38.749	-0.038	38.776	-0.024	38.807	-0.028								
38.827	-0.059	38.858	-0.068	38.884	-0.058	38.919	0.002								
38.937	0.020	38.953	0.047	38.970	0.048	38.994	0.067								
39.024	0.077	39.045	0.078	39.057	0.078	39.074	0.047								
39.088	0.016	39.102	-0.028	39.117	-0.050	39.129	-0.104								
39.150	-0.148	39.173	-0.224	39.188	-0.227	39.203	-0.245								
39.228	-0.208	39.248	-0.161	39.275	-0.115	39.296	-0.055								
39.317	0.009	39.338	0.046	39.359	0.106	39.378	0.118								
39.398	0.153	39.423	0.135	39.434	0.104	39.453	0.068								

3065 POINTS 47.062 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2713 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.065	0.009	-0.092	0.016	-0.145	0.022	-0.145	1.661	-0.023	1.675	-0.096	1.687	-0.077	1.700	-0.058	1.739	-0.114
0.031	-0.119	0.043	-0.113	0.051	-0.127	0.064	-0.128	1.710	-0.032	1.723	-0.053	1.729	-0.080	1.739	-0.114	1.739	-0.114
0.078	-0.135	0.089	-0.135	0.104	-0.123	0.113	-0.110	1.747	-0.081	1.760	-0.042	1.772	-0.063	1.783	-0.050	1.783	-0.050
0.121	-0.098	0.134	-0.079	0.145	-0.060	0.151	-0.047	1.798	0.008	1.805	0.048	1.814	0.093	1.823	0.113	1.823	0.113
0.162	-0.028	0.170	0.005	0.176	0.018	0.186	0.010	1.834	0.086	1.845	0.033	1.855	-0.027	1.868	-0.067	1.868	-0.067
0.195	-0.017	0.202	-0.030	0.212	-0.011	0.222	0.001	1.879	-0.061	1.890	-0.028	1.904	0.024	1.918	-0.029	1.918	-0.029
0.235	0.007	0.244	-0.033	0.254	-0.040	0.262	-0.067	1.928	-0.069	1.939	-0.096	1.949	-0.103	1.961	-0.136	1.961	-0.136
0.270	-0.081	0.280	-0.122	0.291	-0.076	0.299	-0.030	1.976	-0.196	1.992	-0.256	2.003	-0.184	2.010	-0.132	2.010	-0.132
0.307	0.009	0.315	0.041	0.320	0.074	0.328	0.034	2.016	-0.086	2.021	-0.059	2.028	-0.046	2.042	-0.060	2.042	-0.060
0.340	0.013	0.351	-0.047	0.365	-0.081	0.375	-0.043	2.051	-0.080	2.059	-0.094	2.072	-0.127	2.082	-0.134	2.082	-0.134
0.385	0.002	0.396	0.041	0.408	-0.000	0.420	-0.041	2.093	-0.155	2.104	-0.149	2.117	-0.123	2.130	-0.110	2.130	-0.110
0.433	-0.082	0.445	-0.038	0.458	-0.026	0.473	-0.067	2.146	-0.085	2.157	-0.039	2.166	-0.007	2.176	0.019	2.176	0.019
0.481	-0.081	0.493	-0.116	0.509	0.104	0.524	-0.118	2.186	0.032	2.197	0.045	2.206	0.084	2.218	0.097	2.218	0.097
0.538	-0.120	0.551	-0.121	0.562	-0.102	0.580	-0.077	2.230	0.116	2.244	0.076	2.254	0.043	2.264	-0.003	2.264	-0.003
0.593	-0.072	0.609	-0.059	0.620	-0.027	0.636	-0.008	2.275	-0.030	2.287	-0.024	2.299	-0.011	2.310	-0.038	2.310	-0.038
0.647	0.005	0.658	0.031	0.669	0.063	0.679	0.082	2.321	-0.078	2.332	-0.078	2.344	-0.085	2.356	-0.118	2.356	-0.118
0.691	0.055	0.704	0.041	0.718	0.034	0.730	0.027	2.366	-0.151	2.375	-0.197	2.389	-0.230	2.400	-0.217	2.400	-0.217
0.743	0.013	0.760	-0.041	0.775	-0.063	0.787	-0.077	2.409	-0.158	2.418	-0.099	2.428	-0.039	2.437	-0.039	2.437	-0.039
0.802	-0.111	0.814	-0.119	0.828	-0.107	0.835	-0.082	2.449	-0.046	2.456	-0.060	2.469	-0.040	2.477	-0.020	2.477	-0.020
0.846	-0.063	0.855	-0.037	0.861	-0.045	0.874	-0.019	2.489	0.006	2.500	-0.041	2.506	-0.081	2.517	-0.134	2.517	-0.134
0.886	-0.054	0.894	-0.094	0.906	-0.121	0.916	-0.172	2.525	-0.108	2.534	-0.173	2.544	-0.036	2.557	-0.063	2.557	-0.063
0.926	-0.216	0.939	-0.270	0.946	-0.237	0.959	-0.175	2.566	-0.109	2.576	-0.143	2.590	-0.156	2.598	-0.130	2.598	-0.130
0.965	-0.114	0.973	-0.068	0.980	-0.029	0.991	0.003	2.608	-0.091	2.620	-0.019	2.634	0.046	2.643	0.026	2.643	0.026
1.001	-0.011	1.011	-0.038	1.020	-0.058	1.031	-0.072	2.653	-0.014	2.664	-0.074	2.674	-0.141	2.684	-0.101	2.684	-0.101
1.040	-0.019	1.051	-0.074	1.058	-0.041	1.067	-0.022	2.693	-0.076	2.703	-0.050	2.714	-0.063	2.724	-0.064	2.724	-0.064
1.078	-0.049	1.086	-0.070	1.095	-0.084	1.104	-0.058	2.735	-0.045	2.744	-0.025	2.752	-0.006	2.758	0.000	2.758	0.000
1.113	-0.025	1.123	-0.007	1.131	-0.040	1.140	-0.087	2.769	-0.039	2.780	-0.060	2.790	-0.094	2.803	-0.095	2.803	-0.095
1.147	-0.100	1.161	-0.081	1.166	-0.042	1.176	-0.023	2.817	-0.109	2.827	-0.109	2.837	-0.077	2.850	-0.045	2.850	-0.045
1.183	0.004	1.194	0.029	1.203	0.036	1.218	0.055	2.861	-0.039	2.872	-0.046	2.880	-0.066	2.892	-0.053	2.892	-0.053
1.226	0.041	1.234	0.021	1.245	-0.012	1.250	-0.039	2.902	-0.014	2.909	0.045	2.918	0.123	2.923	0.163	2.923	0.163
1.265	-0.086	1.270	-0.053	1.278	-0.007	1.286	0.052	2.930	0.215	2.935	0.248	2.945	0.208	2.956	0.102	2.956	0.102
1.294	0.085	1.303	0.051	1.312	-0.015	1.323	-0.121	2.966	0.002	2.974	-0.078	2.988	-0.144	2.994	-0.118	2.994	-0.118
1.337	-0.194	1.348	-0.155	1.359	-0.123	1.369	-0.110	3.001	-0.112	3.009	-0.105	3.017	-0.119	3.030	-0.139	3.030	-0.139
1.384	-0.123	1.396	-0.104	1.403	-0.071	1.414	-0.046	3.039	-0.159	3.047	-0.166	3.055	-0.193	3.063	-0.213	3.063	-0.213
1.427	-0.073	1.439	-0.113	1.448	-0.147	1.459	-0.194	3.070	-0.227	3.078	-0.194	3.086	-0.161	3.091	-0.109	3.091	-0.109
1.467	-0.154	1.476	-0.089	1.483	-0.056	1.495	-0.084	3.103	-0.096	3.114	-0.116	3.122	-0.156	3.133	-0.189	3.133	-0.189
1.505	-0.204	1.524	-0.171	1.537	-0.159	1.544	-0.159	3.141	-0.196	3.150	-0.183	3.161	-0.170	3.169	-0.157	3.169	-0.157
1.548	-0.160	1.562	-0.174	1.568	-0.135	1.576	-0.076	3.180	-0.157	3.187	-0.177	3.195	-0.244	3.200	-0.283	3.200	-0.283
1.585	-0.003	1.589	0.049	1.596	0.094	1.605	0.153	3.211	-0.303	3.224	-0.277	3.230	-0.244	3.238	-0.199	3.238	-0.199
1.614	0.133	1.626	0.099	1.638	0.065	1.651	0.018	3.246	-0.146	3.253	-0.113	3.264	-0.134	3.273	-0.174	3.273	-0.174

3.284	-0.167	3.295	-0.122	3.299	-0.069	3.306	-0.016	5.502	-1.093	5.517	-1.041	5.530	-0.935	5.538	-0.823
3.311	0.076	3.319	0.155	3.327	0.194	3.338	0.161	5.548	-0.658	5.552	-0.553	5.558	-0.427	5.564	-0.269
3.346	0.114	3.355	0.054	3.360	0.028	3.370	0.014	5.569	-0.143	5.574	0.002	5.581	0.134	5.586	0.220
3.379	0.033	3.388	0.105	3.396	0.177	3.402	0.217	5.593	0.332	5.601	0.398	5.608	0.451	5.615	0.490
3.411	0.249	3.419	0.216	3.431	0.156	3.444	0.036	5.622	0.516	5.633	0.490	5.643	0.444	5.652	0.411
3.453	-0.083	3.463	-0.236	3.467	-0.395	3.477	-0.395	5.664	0.477	5.675	0.589	5.684	0.668	5.699	0.721
3.483	-0.369	3.494	-0.290	3.504	-0.152	3.513	-0.144	5.712	0.701	5.723	0.662	5.738	0.596	5.754	0.569
3.526	0.138	3.533	0.296	3.542	0.441	3.551	0.533	5.767	0.589	5.772	0.602	5.782	0.622	5.790	0.569
3.556	0.566	3.563	0.592	3.572	0.559	3.579	0.493	5.802	0.444	5.815	0.378	5.832	0.345	5.844	0.365
3.588	0.334	3.593	0.281	3.603	0.201	3.612	0.227	5.855	0.417	5.863	0.464	5.871	0.503	5.880	0.536
3.623	0.326	3.632	0.425	3.640	0.478	3.652	0.550	5.893	0.510	5.907	0.437	5.920	0.345	5.932	0.212
3.670	0.524	3.682	0.451	3.693	0.365	3.705	0.259	5.944	0.001	5.953	-0.138	5.964	-0.284	5.975	-0.416
3.720	0.180	3.734	0.100	3.745	0.001	3.756	-0.144	5.988	-0.503	6.001	-0.622	6.014	-0.609	6.025	-0.583
3.771	-0.349	3.779	-0.468	3.795	-0.574	3.809	-0.713	6.039	-0.544	6.046	-0.439	6.054	-0.234	6.061	-0.016
3.814	-0.766	3.826	-0.832	3.836	-0.793	3.845	-0.700	6.067	0.267	6.080	0.755	6.086	0.899	6.100	1.044
3.853	-0.621	3.867	-0.450	3.878	-0.325	3.885	-0.239	6.106	1.083	6.115	1.109	6.126	1.069	6.135	0.963
3.896	-0.207	3.906	-0.233	3.916	-0.267	3.926	-0.307	6.148	0.685	6.162	0.361	6.178	-0.175	6.192	-0.723
3.934	-0.267	3.941	-0.168	3.946	-0.056	3.953	0.069	6.200	-1.001	6.206	-1.139	6.220	-1.179	6.242	-1.167
3.958	0.240	3.965	0.418	3.971	0.530	3.976	0.576	6.251	-1.200	6.264	-1.273	6.276	-1.352	6.285	-1.445
3.982	0.595	3.990	0.575	3.998	0.489	4.005	0.402	6.292	-1.319	6.299	-1.121	6.306	-1.055	6.315	-0.791
4.015	-0.336	4.028	0.249	4.035	0.136	4.042	-0.036	6.322	-0.619	6.334	-0.461	6.342	-0.250	6.350	-0.065
4.051	-0.287	4.057	-0.459	4.063	-0.559	4.069	-0.658	6.359	0.081	6.366	0.404	6.374	0.583	6.383	0.688
4.079	-0.679	4.093	-0.653	4.108	-0.575	4.113	-0.536	6.396	0.635	6.404	0.556	6.414	0.503	6.420	0.549
4.122	-0.504	4.130	-0.544	4.140	-0.650	4.149	-0.849	6.427	0.649	6.438	0.847	6.444	0.992	6.454	1.104
4.156	-0.883	4.161	-0.923	4.167	-0.897	4.181	-0.825	6.463	1.157	6.474	1.104	6.483	0.959	6.495	0.655
4.189	-0.746	4.198	-0.713	4.206	-0.733	4.214	-0.786	6.508	-0.147	6.533	-0.738	6.558	-1.273	6.573	-1.669
4.223	-0.800	4.229	-0.787	4.238	-0.721	4.251	-0.563	6.589	-2.006	6.595	-2.072	6.606	-2.079	6.613	-2.039
4.260	-0.424	4.274	-0.167	4.287	0.163	4.303	0.585	6.626	-1.762	6.638	-1.055	6.655	-0.158	6.666	0.057
4.310	-0.843	4.323	1.113	4.332	1.252	4.336	1.298	6.676	0.403	6.690	0.694	6.705	0.898	6.719	1.057
4.344	1.318	4.354	1.271	4.367	1.106	4.374	0.862	6.733	1.129	6.744	1.161	6.756	1.128	6.768	0.989
4.388	0.577	4.399	0.452	4.410	0.392	4.423	0.333	6.778	0.896	6.788	0.816	6.796	0.750	6.809	0.683
4.438	0.227	4.450	0.068	4.461	-0.137	4.469	-0.282	6.819	0.505	6.831	0.194	6.844	-0.077	6.856	-0.296
4.478	-0.414	4.488	-0.500	4.499	-0.567	4.510	-0.594	6.865	-0.289	6.884	-0.310	6.893	-0.462	6.907	-0.740
4.517	-0.568	4.524	-0.409	4.540	-0.060	4.547	0.052	6.921	-0.978	6.929	-1.064	6.940	-1.144	6.951	-1.158
4.558	0.144	4.566	0.098	4.577	0.031	4.591	-0.049	6.957	-1.092	6.966	-0.967	6.974	-0.809	6.985	-0.532
4.603	-0.109	4.610	-0.215	4.616	-0.288	4.626	-0.335	6.994	-0.347	7.002	-0.228	7.015	-0.169	7.027	-0.169
4.636	-0.323	4.648	-0.205	4.657	-0.047	4.663	0.052	7.038	-0.189	7.052	-0.196	7.062	-0.150	7.074	-0.110
4.672	0.144	4.680	0.242	4.690	0.335	4.697	0.387	7.088	-0.058	7.100	-0.124	7.108	-0.243	7.113	-0.289
4.709	0.433	4.717	0.386	4.729	0.333	4.735	0.300	7.124	-0.342	7.131	-0.323	7.142	-0.290	7.154	-0.284
4.747	0.280	4.755	0.306	4.766	0.365	4.774	0.424	7.165	-0.311	7.175	-0.404	7.185	-0.504	7.192	-0.597
4.782	0.477	4.788	0.530	4.797	0.569	4.809	0.477	7.203	-0.650	7.214	-0.578	7.223	-0.321	7.231	-0.064
4.817	0.299	4.828	-0.025	4.837	-0.283	4.844	-0.481	7.242	0.226	7.247	0.312	7.260	0.403	7.270	0.336
4.855	-0.580	4.863	-0.547	4.871	-0.428	4.879	-0.309	7.278	0.229	7.290	0.109	7.302	0.041	7.315	-0.026
4.889	-0.210	4.899	-0.157	4.907	-0.124	4.917	-0.164	7.326	-0.067	7.336	-0.187	7.349	-0.301	7.361	-0.402
4.927	-0.263	4.937	-0.355	4.950	-0.533	4.960	-0.679	7.369	-0.390	7.384	-0.299	7.396	-0.260	7.405	-0.182
4.971	-0.751	4.984	-0.864	4.993	-0.844	5.006	-0.817	7.415	-0.097	7.422	0.034	7.431	0.159	7.443	0.455
5.019	-0.791	5.038	-0.692	5.054	-0.633	5.071	-0.613	7.453	0.613	7.457	0.652	7.465	0.717	7.473	0.657
5.085	-0.534	5.095	-0.389	5.112	0.021	5.131	0.476	7.485	0.564	7.496	0.517	7.507	0.555	7.519	0.653
5.141	0.542	5.155	0.515	5.169	0.357	5.180	0.211	7.526	0.706	7.541	0.812	7.552	0.884	7.564	0.937
5.189	0.039	5.195	-0.119	5.199	-0.198	5.208	-0.251	7.575	0.963	7.591	0.996	7.607	0.943	7.616	0.811
5.217	-0.212	5.227	-0.107	5.238	0.045	5.249	0.104	7.632	0.559	7.648	0.216	7.666	-0.167	7.680	-0.478
5.257	-0.077	5.268	-0.003	5.284	-0.102	5.295	-0.076	7.697	-0.947	7.707	-1.317	7.715	-1.317	7.728	-1.357
5.308	-0.037	5.323	-0.071	5.332	-0.137	5.345	-0.204	7.741	-1.298	7.758	-1.146	7.777	-0.895	7.797	-0.545
5.361	-0.191	5.376	-0.165	5.386	-0.139	5.397	-0.133	7.823	0.089	7.839	0.551	7.851	0.690	7.859	0.809
5.408	-0.199	5.422	-0.365	5.435	-0.577	5.451	-0.775	7.873	0.881	7.889	0.875	7.907	0.875	7.922	0.869
5.463	-0.961	5.471	-1.060	5.477	-1.113	5.490	-1.133	7.942	0.856	7.954	0.754	7.972	0.395	7.995	-0.245

8.014	-0.621	8.030	-0.726	8.053	-0.832	8.067	-0.970	10.930	-0.481	10.940	-0.507	10.958	-0.500	10.977	-0.500
8.081	-1.142	8.094	-1.194	8.106	-1.121	8.116	-0.969	10.993	-0.540	11.014	-0.593	11.030	-0.672	11.047	-0.593
8.133	-0.527	8.141	-0.302	8.153	-0.124	8.165	-0.045	11.065	-0.329	11.084	-0.032	11.104	0.239	11.116	0.325
8.182	-0.001	8.199	-0.038	8.214	-0.124	8.227	-0.276	11.133	0.411	11.149	0.365	11.162	0.299	11.182	0.180
8.234	-0.335	8.247	-0.401	8.262	-0.342	8.276	-0.210	11.197	0.021	11.217	-0.210	11.234	-0.415	11.250	-0.547
8.289	-0.018	8.300	-0.153	8.306	0.219	8.319	0.305	11.269	-0.619	11.284	-0.685	11.308	-0.798	11.319	-0.784
8.329	0.246	8.349	0.067	8.367	0.137	8.390	0.335	11.342	-0.765	11.358	-0.804	11.375	-0.877	11.400	-0.916
8.403	-0.593	8.417	-0.837	8.429	-0.897	8.439	-0.784	11.414	-0.883	11.434	-0.725	11.443	-0.646	11.454	-0.540
8.452	-0.401	8.462	-0.210	8.470	-0.018	8.483	0.239	11.469	-0.474	11.484	-0.316	11.502	-0.104	11.510	0.021
8.493	0.444	8.505	0.589	8.514	0.655	8.530	0.728	11.530	0.180	11.540	0.266	11.552	0.312	11.568	0.365
8.542	0.655	8.556	0.516	8.566	0.325	8.578	0.200	11.580	0.312	11.593	0.233	11.608	0.028	11.623	-0.131
8.596	0.074	8.610	-0.018	8.631	-0.144	8.649	-0.197	11.630	-0.183	11.647	-0.137	11.662	-0.091	11.674	-0.058
8.683	-0.256	8.683	-0.296	8.696	-0.296	8.709	-0.296	11.688	-0.045	11.699	-0.038	11.712	-0.025	11.725	-0.038
8.723	-0.375	8.736	-0.547	8.745	-0.692	8.753	-0.745	11.734	-0.045	11.745	-0.051	11.759	-0.071	11.774	-0.098
8.758	-0.772	8.774	-0.726	8.774	-0.640	8.785	-0.376	11.782	-0.144	11.791	-0.223	11.795	-0.302	11.805	-0.316
8.800	-0.033	8.811	-0.205	8.819	0.324	8.828	0.363	11.818	-0.342	11.827	-0.349	11.841	-0.329	11.851	-0.316
8.842	0.435	8.850	0.376	8.864	0.078	8.876	-0.325	11.860	-0.342	11.871	-0.355	11.882	-0.362	11.894	-0.349
8.883	-0.483	8.891	-0.589	8.900	-0.570	8.913	-0.497	11.908	-0.302	11.924	-0.243	11.944	-0.137	11.958	-0.137
8.929	-0.419	8.941	-0.247	8.951	-0.129	8.963	-0.017	11.975	-0.117	12.003	-0.116	12.004	-0.136	12.020	-0.149
8.969	0.062	8.977	0.155	8.990	0.227	9.000	0.346	12.028	-0.202	12.038	-0.235	12.049	-0.287	12.059	-0.313
9.009	0.438	9.017	0.630	9.029	0.768	9.041	0.821	12.076	-0.339	12.091	-0.352	12.104	-0.365	12.116	-0.365
9.061	0.873	9.073	0.827	9.081	0.768	9.093	0.721	12.127	-0.345	12.142	-0.291	12.156	-0.278	12.164	-0.304
9.103	0.761	9.114	0.820	9.124	0.847	9.136	0.708	12.173	-0.350	12.183	-0.390	12.194	-0.422	12.202	-0.422
9.151	0.371	9.169	0.008	9.190	-0.223	9.207	-0.382	12.214	-0.323	12.224	-0.291	12.236	-0.151	12.250	-0.052
9.223	-0.500	9.237	-0.593	9.254	-0.679	9.268	-0.646	12.264	-0.028	12.279	-0.034	12.288	0.015	12.300	-0.011
9.286	-0.520	9.298	-0.415	9.311	-0.302	9.324	-0.144	12.313	-0.024	12.328	-0.063	12.340	-0.128	12.351	-0.201
9.342	-0.061	9.356	0.153	9.369	0.252	9.387	0.325	12.363	-0.246	12.379	-0.199	12.391	-0.133	12.407	-0.099
9.399	0.252	9.412	0.114	9.423	-0.131	9.434	-0.335	12.427	-0.072	12.443	-0.064	12.463	-0.069	12.477	-0.127
9.444	-0.467	9.459	-0.606	9.471	-0.712	9.487	-0.778	12.488	-0.099	12.498	-0.032	12.519	0.049	12.526	0.036
9.497	-0.837	9.509	-0.771	9.522	-0.646	9.539	-0.487	12.538	0.029	12.547	0.029	12.556	0.049	12.565	0.102
9.549	-0.408	9.559	-0.342	9.572	-0.250	9.584	-0.183	12.575	0.029	12.586	0.288	12.598	0.361	12.612	0.453
9.596	-0.065	9.621	0.081	9.635	0.219	9.646	0.431	12.626	0.579	12.637	0.678	12.646	0.771	12.658	0.836
9.658	0.635	9.666	0.781	9.677	0.939	9.690	1.131	12.669	0.862	12.682	0.835	12.691	0.769	12.701	0.676
9.701	1.276	9.709	1.348	9.720	1.448	9.730	1.382	12.712	0.543	12.724	0.417	12.734	0.311	12.746	0.225
9.742	1.230	9.752	1.065	9.762	0.787	9.779	0.358	12.757	0.118	12.772	-0.021	12.783	-0.094	12.794	-0.187
9.792	0.067	9.812	-0.355	9.822	-0.593	9.830	-0.784	12.805	-0.279	12.817	-0.312	12.829	-0.345	12.841	-0.325
9.843	-0.949	9.858	-1.075	9.869	-1.154	9.877	-1.134	12.850	-0.259	12.863	-0.206	12.876	-0.160	12.891	-0.127
9.896	-1.240	9.908	-1.161	9.925	-0.897	9.937	-0.712	12.905	-0.107	12.918	-0.127	12.932	-0.127	12.945	-0.114
9.945	-0.527	9.958	-0.236	9.972	0.147	9.989	0.616	12.960	-0.080	12.973	-0.014	12.986	0.093	12.996	0.192
10.003	0.919	10.010	1.005	10.024	0.952	10.042	0.847	13.011	0.338	13.026	0.464	13.035	0.543	13.047	0.610
10.064	0.754	10.082	0.583	10.103	0.384	10.121	0.226	13.059	0.650	13.073	0.677	13.086	0.664	13.097	0.598
10.140	-0.051	10.161	-0.302	10.176	-0.461	10.188	-0.560	13.110	0.571	13.126	0.552	13.138	0.492	13.149	0.453
10.203	-0.573	10.217	-0.586	10.226	-0.566	10.238	-0.481	13.160	0.387	13.174	0.374	13.192	0.387	13.204	0.391
10.249	-0.283	10.257	-0.144	10.265	-0.012	10.274	0.094	13.215	0.322	13.231	0.269	13.244	0.269	13.261	0.256
10.286	0.180	10.301	0.200	10.313	0.186	10.322	0.193	13.273	0.243	13.288	0.204	13.301	0.171	13.314	0.144
10.340	0.180	10.352	0.081	10.362	0.034	10.372	-0.025	13.329	0.125	13.345	0.118	13.364	0.105	13.378	0.092
10.384	-0.051	10.396	0.021	10.408	0.094	10.418	0.160	13.395	0.099	13.406	0.132	13.420	0.192	13.434	0.218
10.430	0.193	10.445	0.193	10.461	0.133	10.471	0.113	13.449	0.199	13.464	0.126	13.477	0.087	13.491	0.080
10.484	0.067	10.505	-0.072	10.518	-0.052	10.530	-0.059	13.501	0.127	13.511	0.193	13.524	0.232	13.536	0.285
10.545	-0.112	10.559	-0.291	10.559	-0.291	10.576	-0.416	13.548	-0.299	13.560	0.246	13.572	0.160	13.583	0.094
10.591	-0.423	10.605	-0.450	10.619	-0.491	10.638	-0.491	13.596	-0.005	13.608	-0.078	13.623	-0.117	13.634	-0.157
10.654	-0.400	10.668	-0.248	10.689	-0.110	10.710	-0.041	13.647	-0.150	13.659	-0.111	13.669	-0.065	13.686	-0.051
10.726	0.179	10.737	0.271	10.745	0.323	10.758	0.315	13.700	-0.124	13.712	-0.210	13.725	-0.296	13.741	-0.342
10.768	0.296	10.788	0.123	10.797	0.043	10.810	-0.036	13.753	-0.309	13.766	-0.256	13.783	-0.203	13.796	-0.190
10.825	-0.076	10.840	-0.123	10.852	-0.189	10.867	-0.209	13.812	-0.197	13.824	-0.197	13.838	-0.203	13.851	-0.197
10.883	-0.183	10.897	-0.203	10.910	-0.315	10.922	-0.428	13.865	-0.177	13.877	-0.150	13.895	-0.137	13.905	-0.190

13.917	-0.269	13.927	-0.349	13.939	-0.421	13.952	-0.487	16.864	-0.071	16.873	-0.051	16.887	-0.017	16.901	-0.004
13.969	-0.533	13.980	-0.547	13.992	-0.500	14.004	-0.421	16.914	-0.004	16.926	-0.010	16.942	-0.043	16.958	-0.069
14.014	-0.321	14.019	-0.229	14.028	-0.143	14.044	-0.103	16.972	-0.082	16.986	-0.095	17.000	-0.094	17.012	-0.127
14.051	-0.116	14.061	-0.169	14.073	-0.221	14.088	-0.267	17.025	-0.153	17.038	-0.199	17.052	-0.212	17.066	-0.192
14.102	-0.280	14.116	-0.266	14.124	-0.200	14.134	-0.121	17.087	-0.139	17.100	-0.139	17.117	-0.125	17.130	-0.085
14.145	-0.002	14.153	-0.104	14.163	-0.197	14.173	-0.263	17.146	-0.065	17.159	-0.085	17.173	-0.091	17.187	-0.091
14.184	0.317	14.197	0.357	14.209	0.371	14.219	0.345	17.202	-0.045	17.214	0.028	17.230	0.068	17.242	-0.088
14.233	0.259	14.244	0.161	14.255	0.073	14.269	0.017	17.257	0.088	17.270	0.042	17.283	-0.037	17.301	-0.103
14.281	-0.089	14.294	-0.200	14.306	-0.273	14.316	-0.319	17.309	-0.109	17.323	-0.123	17.337	-0.136	17.347	-0.182
14.327	-0.338	14.340	-0.338	14.354	-0.292	14.367	-0.206	17.359	-0.221	17.374	-0.241	17.387	-0.201	17.400	-0.134
14.379	-0.146	14.394	-0.099	14.409	-0.093	14.427	-0.072	17.417	-0.048	17.425	-0.035	17.436	0.018	17.453	0.045
14.432	-0.092	14.441	-0.132	14.453	-0.191	14.468	-0.204	17.469	0.046	17.489	0.053	17.508	0.053	17.534	0.073
14.477	-0.197	14.489	-0.183	14.501	-0.144	14.514	-0.124	17.541	0.080	17.555	0.093	17.572	0.113	17.592	0.126
14.526	-0.144	14.541	-0.164	14.556	-0.144	14.568	-0.124	17.609	0.140	17.626	0.200	17.648	0.312	17.662	0.332
14.582	-0.117	14.593	-0.098	14.606	-0.078	14.618	-0.071	17.677	0.332	17.693	0.287	17.710	0.241	17.725	0.201
14.633	-0.071	14.640	-0.117	14.652	-0.203	14.664	-0.256	17.741	0.182	17.760	0.189	17.768	0.189	17.783	0.182
14.678	-0.283	14.690	-0.263	14.707	-0.223	14.719	-0.243	17.797	0.163	17.810	0.163	17.823	0.144	17.840	0.091
14.731	-0.243	14.746	-0.230	14.759	-0.177	14.771	-0.150	17.854	0.038	17.869	-0.008	17.883	-0.054	17.896	-0.073
14.784	-0.137	14.795	-0.177	14.808	-0.217	14.821	-0.256	17.904	-0.073	17.919	-0.073	17.927	-0.112	17.938	-0.145
14.837	-0.289	14.850	-0.276	14.867	-0.276	14.881	-0.296	17.950	-0.151	17.971	-0.144	17.978	-0.078	17.991	-0.052
14.889	-0.322	14.901	-0.368	14.914	-0.401	14.927	-0.448	18.010	-0.032	18.029	-0.032	18.048	-0.032	18.060	0.001
14.937	-0.434	14.949	-0.388	14.961	-0.355	14.974	-0.316	18.074	0.061	18.090	0.120	18.104	0.147	18.121	0.180
14.986	-0.263	15.001	-0.190	15.013	-0.157	15.026	-0.124	18.134	0.180	18.150	0.160	18.164	0.121	18.179	0.082
15.039	-0.117	15.052	-0.117	15.066	-0.150	15.080	-0.164	18.192	0.043	18.209	0.043	18.221	0.050	18.237	0.137
15.094	-0.164	15.106	-0.164	15.119	-0.144	15.132	-0.144	18.249	0.117	18.266	0.118	18.283	0.098	18.302	0.079
15.147	-0.157	15.160	-0.164	15.172	-0.170	15.186	-0.177	18.319	0.060	18.336	0.048	18.351	0.049	18.368	0.036
15.200	-0.150	15.211	-0.150	15.229	-0.117	15.246	-0.111	18.382	0.030	18.400	0.009	18.413	-0.021	18.426	-0.007
15.263	-0.150	15.276	-0.190	15.288	-0.183	15.299	-0.124	18.439	-0.000	18.454	0.020	18.470	0.001	18.484	-0.006
15.312	-0.051	15.328	-0.005	15.340	0.067	15.352	0.147	18.495	-0.005	18.508	0.015	18.520	0.022	18.534	0.042
15.367	0.206	15.382	0.259	15.400	0.272	15.412	0.259	18.548	0.042	18.567	0.036	18.582	-0.036	18.595	-0.082
15.426	0.213	15.438	0.166	15.453	0.147	15.466	0.140	18.608	-0.089	18.623	-0.075	18.644	-0.055	18.660	-0.028
15.480	0.202	15.491	0.081	15.505	0.028	15.512	-0.025	18.673	-0.054	18.689	-0.034	18.709	-0.040	18.722	0.010
15.524	-0.058	15.535	-0.078	15.550	-0.078	15.563	-0.018	18.738	0.028	18.755	0.048	18.773	0.042	18.798	0.016
15.575	0.021	15.587	0.100	15.601	0.173	15.613	0.213	18.822	-0.002	18.833	0.032	18.852	0.053	18.872	0.093
15.629	0.246	15.641	0.200	15.655	0.153	15.671	0.127	18.887	0.114	18.903	0.134	18.919	0.162	18.936	0.169
15.684	0.127	15.697	0.133	15.712	0.140	15.726	0.120	18.950	0.177	18.969	0.191	18.987	0.191	18.999	0.165
15.741	0.094	15.756	0.074	15.768	0.034	15.783	0.001	19.015	0.107	19.028	0.048	19.040	-0.011	19.055	-0.077
15.793	0.015	15.808	0.034	15.822	0.048	15.836	0.054	19.063	-0.149	19.078	-0.195	19.100	-0.254	19.107	-0.267
15.850	0.054	15.863	0.081	15.875	0.107	15.887	0.114	19.117	-0.280	19.136	-0.253	19.146	-0.266	19.158	-0.272
15.898	0.100	15.910	0.021	15.923	-0.058	15.936	-0.144	19.169	-0.278	19.181	-0.265	19.191	-0.245	19.208	-0.231
15.948	-0.177	15.958	-0.177	15.971	-0.190	15.987	-0.164	19.224	-0.191	19.244	-0.145	19.256	-0.184	19.266	-0.191
16.001	-0.157	16.017	-0.157	16.031	-0.177	16.044	-0.210	19.284	-0.210	19.294	-0.171	19.304	-0.137	19.318	-0.098
16.057	-0.230	16.070	-0.230	16.083	-0.230	16.099	-0.217	19.335	-0.038	19.351	-0.038	19.367	-0.024	19.393	-0.010
16.114	-0.177	16.127	-0.111	16.137	-0.018	16.151	0.054	19.409	-0.023	19.425	-0.062	19.444	-0.101	19.461	-0.140
16.164	0.101	16.180	0.121	16.193	0.088	16.209	0.022	19.478	-0.147	19.491	-0.126	19.509	-0.112	19.527	-0.105
16.223	-0.031	16.237	-0.037	16.250	-0.010	16.264	0.023	19.544	-0.151	19.556	-0.137	19.567	-0.117	19.580	-0.084
16.278	0.063	16.293	0.109	16.309	0.143	16.323	0.176	19.599	-0.096	19.612	-0.122	19.626	-0.108	19.639	-0.061
16.338	0.170	16.350	0.118	16.358	0.052	16.370	-0.013	19.654	-0.054	19.674	-0.040	19.689	-0.039	19.704	-0.012
16.382	-0.033	16.395	-0.052	16.409	-0.045	16.421	-0.011	19.718	0.015	19.735	0.009	19.753	0.003	19.772	0.010
16.437	0.009	16.455	0.016	16.467	0.010	16.481	-0.009	19.783	0.070	19.792	0.097	19.803	0.150	19.821	0.145
16.491	0.011	16.503	0.064	16.517	0.124	16.529	0.125	19.839	0.152	19.861	0.152	19.874	0.166	19.892	0.166
16.539	0.099	16.553	0.059	16.572	0.033	16.586	0.020	19.908	0.160	19.928	0.128	19.945	0.122	19.965	0.089
16.601	0.040	16.616	0.060	16.634	0.074	16.656	0.067	19.982	0.050	20.003	0.025	20.018	0.006	20.035	-0.020
16.670	0.021	16.687	-0.032	16.702	-0.131	16.716	-0.177	20.051	0.000	20.060	0.040	20.073	0.081	20.086	0.128
16.732	-0.223	16.747	-0.210	16.766	-0.190	16.780	-0.183	20.101	0.161	20.118	0.189	20.135	0.170	20.152	0.118
16.797	-0.150	16.817	-0.098	16.832	-0.078	16.849	-0.091	20.168	0.099	20.187	0.113	20.202	0.114	20.218	0.088

20.230	0.049	20.244	0.050	20.259	0.057	20.271	0.084	23.946	0.050	23.955	0.064	23.965	0.070	23.972	0.077
20.287	0.092	20.301	0.026	20.313	-0.026	20.323	-0.078	23.985	0.084	23.997	0.091	24.003	0.092	24.012	0.092
20.338	-0.130	20.354	-0.156	20.366	-0.155	20.380	-0.122	24.021	0.092	24.029	0.092	24.034	0.093	24.042	0.106
20.397	-0.068	20.413	-0.074	20.427	-0.073	20.444	-0.079	24.050	0.100	24.060	0.107	24.065	0.114	24.073	0.107
20.466	-0.051	20.487	-0.057	20.499	-0.043	20.509	0.003	24.078	0.107	24.086	0.101	24.092	0.101	24.101	0.102
20.525	0.090	20.539	0.169	20.556	0.229	20.565	0.236	24.105	0.108	24.114	0.109	24.120	0.109	24.133	0.123
20.580	0.263	20.592	0.257	20.608	0.251	20.621	0.192	24.143	0.123	24.154	0.124	24.161	0.111	24.171	0.098
20.634	0.159	20.643	0.113	20.654	0.094	20.667	0.081	24.179	0.078	24.186	0.066	24.193	0.053	24.199	0.033
20.683	0.088	20.699	0.088	20.712	0.102	20.731	0.109	24.207	0.033	24.212	0.040	24.223	0.047	24.236	0.075
20.745	0.122	20.757	0.149	20.777	0.156	20.787	0.150	24.248	0.075	24.264	0.063	24.274	0.097	24.283	0.098
20.800	0.124	20.816	0.064	20.827	-0.008	20.848	-0.093	24.296	0.086	24.309	0.073	24.318	0.061	24.323	0.041
20.863	-0.093	20.880	-0.105	20.887	-0.132	20.906	-0.131	24.335	0.042	24.346	0.043	24.355	0.064	24.367	0.084
20.915	-0.104	20.932	-0.064	20.945	-0.050	20.962	-0.043	24.379	0.099	24.387	0.119	24.393	0.106	24.399	0.081
20.980	-0.043	21.000	-0.015	21.020	-0.001	21.041	0.013	24.410	0.081	24.421	0.069	24.429	0.057	24.440	0.064
21.056	0.020	21.071	0.028	21.093	0.029	21.110	0.030	24.440	0.064	24.452	0.085	24.469	0.106	24.480	0.133
21.126	0.037	21.145	0.038	21.165	0.033	21.190	0.041	24.492	0.153	24.500	0.160	24.512	0.148	24.526	0.135
21.210	0.022	21.226	0.023	21.248	0.044	21.268	0.032	24.575	0.019	24.584	0.000	24.599	0.026	24.602	0.039
21.289	0.026	21.308	-0.013	21.321	-0.058	21.338	-0.110	24.610	-0.086	24.621	-0.105	24.631	-0.118	24.641	-0.118
21.422	-0.035	21.438	-0.014	21.450	-0.014	21.465	0.013	24.657	-0.118	24.658	-0.118	24.670	-0.118	24.690	-0.084
21.485	-0.020	21.500	0.014	21.520	0.027	21.532	0.027	24.706	-0.044	24.726	-0.031	24.736	-0.043	24.744	-0.063
21.616	0.241	21.629	0.274	21.639	0.254	21.657	0.228	24.753	-0.063	24.764	-0.082	24.776	-0.082	24.789	-0.082
21.673	0.163	21.690	0.077	21.704	0.025	21.720	0.048	24.800	-0.075	24.811	-0.068	24.822	-0.047	24.832	-0.033
21.732	-0.074	21.749	-0.067	21.760	-0.060	21.777	-0.053	24.839	-0.006	24.852	0.028	24.863	0.042	24.876	-0.076
21.794	-0.066	21.807	-0.059	21.821	-0.045	21.835	-0.019	24.888	0.110	24.899	0.125	24.908	0.145	24.920	0.153
21.847	0.028	21.864	0.068	21.881	0.062	21.898	-0.017	24.928	0.166	24.939	0.174	24.953	0.149	24.956	0.149
21.914	-0.023	21.938	-0.003	21.946	-0.010	21.959	-0.016	25.001	0.123	25.012	-0.005	25.027	-0.011	25.041	-0.029
21.980	-0.015	21.998	-0.022	22.020	-0.008	22.035	-0.014	25.065	-0.028	25.075	-0.014	25.089	-0.007	25.106	-0.014
22.062	0.019	22.074	0.006	22.087	0.020	22.102	0.040	25.117	-0.027	25.127	-0.040	25.146	-0.059	25.161	-0.058
22.119	0.047	22.137	0.074	22.157	0.081	22.168	0.028	25.179	-0.058	25.191	-0.051	25.202	-0.051	25.210	-0.038
22.189	-0.031	22.213	-0.057	22.223	-0.050	22.240	-0.029	25.220	-0.018	25.229	0.002	25.249	0.022	25.257	0.022
22.253	-0.049	22.271	-0.028	22.290	-0.028	22.309	-0.007	25.272	0.009	25.286	0.009	25.304	0.010	25.324	0.010
22.329	-0.007	22.345	-0.019	22.366	-0.038	22.385	-0.038	25.348	0.011	25.362	0.011	25.374	0.031	25.388	0.045
22.416	0.030	22.424	-0.009	22.441	-0.035	22.458	-0.061	25.399	0.045	25.408	0.032	25.422	0.019	25.432	-0.000
22.474	-0.073	22.487	-0.039	22.502	-0.006	22.520	0.042	25.445	-0.007	25.457	-0.046	25.468	-0.079	25.479	-0.099
22.536	0.075	22.554	0.090	22.578	0.131	22.596	0.145	25.497	-0.098	25.505	-0.098	25.521	-0.072	25.529	-0.065
22.606	0.099	22.626	0.048	22.640	0.016	22.656	0.036	25.543	-0.012	25.561	0.034	25.567	0.068	25.587	0.081
22.673	0.058	22.684	0.045	22.704	0.053	22.724	0.081	25.615	0.068	25.634	0.042	25.648	0.016	25.649	0.016
22.740	0.082	22.759	0.097	22.780	0.125	22.788	0.079	25.667	0.003	25.686	0.003	25.699	0.016	25.713	0.056
22.805	0.048	22.818	0.022	22.833	0.004	22.854	0.018	25.725	0.077	25.737	0.097	25.748	0.117	25.760	0.143
22.864	0.046	22.879	0.086	22.895	0.127	22.914	0.148	25.771	0.163	25.782	0.170	25.797	0.184	25.805	0.171
22.932	0.143	22.950	0.125	22.970	0.093	22.990	0.068	25.815	0.165	25.820	0.138	25.831	0.125	25.843	0.112
23.009	0.082	23.021	0.089	23.035	0.116	23.052	0.143	25.851	0.079	25.858	0.066	25.870	0.046	25.886	0.047
23.073	0.190	23.094	0.165	23.103	0.106	23.121	0.061	25.886	0.047	25.908	0.047	25.924	0.054	25.939	0.087
23.134	0.036	23.150	0.044	23.162	0.117	23.176	0.158	25.955	0.107	25.968	0.140	25.988	0.174	26.000	0.167
23.193	0.219	23.209	0.247	23.228	0.276	23.245	0.238	26.013	0.155	26.030	0.142	26.044	0.129	26.055	0.116
23.265	0.162	23.286	0.091	23.310	0.021	23.329	0.010	26.064	0.090	26.074	0.038	26.084	0.038	26.098	0.012
23.336	-0.010	23.362	-0.033	23.381	-0.018	23.403	0.022	26.116	0.013	26.130	0.000	26.145	-0.006	26.160	-0.005
23.424	0.043	23.447	0.051	23.468	0.053	23.488	0.040	26.176	0.016	26.197	0.031	26.214	0.025	26.236	0.020
23.510	0.009	23.532	0.030	23.557	0.032	23.579	0.060	26.248	-0.006	26.277	-0.018	26.285	-0.030	26.285	-0.050
23.599	0.048	23.624	0.030	23.638	0.051	23.657	0.066	26.295	-0.069	26.311	-0.068	26.327	-0.074	26.335	-0.048
23.682	0.069	23.698	0.029	23.719	0.004	23.737	-0.007	26.347	-0.014	26.356	0.019	26.371	0.040	26.377	0.073
23.759	-0.026	23.781	-0.044	23.795	-0.010	23.814	0.005	26.391	0.087	26.404	0.120	26.415	0.108	26.429	0.075
23.836	0.013	23.861	0.007	23.885	0.015	23.903	0.029	26.442	0.056	26.454	0.036	26.473	0.017	26.493	0.017
23.916	0.042	23.923	0.049	23.931	0.056	23.937	0.056	26.502	0.018	26.520	0.031	26.536	0.051	26.553	0.045

26.569	0.052	26.590	0.059	26.605	0.066	26.627	0.073	30.340	0.083	30.362	0.071	30.384	0.058	30.402	0.046
26.643	0.086	26.661	0.080	26.679	0.074	26.686	0.068	30.416	0.027	30.437	0.021	30.455	0.022	30.472	0.022
26.701	0.061	26.722	0.049	26.745	0.049	26.762	0.036	30.488	0.049	30.505	0.050	30.519	0.034	30.538	0.091
26.775	0.010	26.788	-0.016	26.806	-0.016	26.825	-0.015	30.554	0.084	30.570	0.111	30.581	0.138	30.601	0.139
26.841	-0.015	26.852	0.012	26.863	0.019	26.880	0.019	30.617	0.126	30.641	0.177	30.660	0.147	30.676	0.128
26.897	0.039	26.912	0.040	26.927	0.060	26.944	0.061	30.713	0.109	30.742	0.117	30.755	0.077	30.771	0.071
26.956	0.074	26.979	0.075	26.995	0.109	27.008	0.109	30.781	0.052	30.799	0.033	30.816	0.034	30.833	0.061
27.028	0.129	27.044	0.130	27.059	0.130	27.073	0.131	30.850	0.068	30.866	0.082	30.882	0.089	30.896	0.103
27.084	0.098	27.096	0.085	27.103	0.072	27.111	0.072	30.905	0.103	30.919	0.104	30.941	0.111	30.962	0.106
27.125	0.073	27.142	0.073	27.155	0.074	27.168	0.087	30.984	0.093	31.002	0.081	31.028	0.075	31.052	0.037
27.180	0.094	27.189	0.101	27.197	0.101	27.214	0.076	31.078	0.031	31.101	0.006	31.116	-0.014	31.137	-0.066
27.231	0.076	27.247	0.083	27.265	0.062	27.284	0.056	31.155	-0.071	31.175	-0.071	31.203	-0.069	31.227	-0.062
27.305	0.036	27.327	0.023	27.345	-0.030	27.365	-0.024	31.249	-0.035	31.271	-0.014	31.288	0.039	31.306	0.080
27.380	-0.043	27.404	-0.043	27.422	-0.024	27.446	-0.010	31.325	0.080	31.345	0.048	31.374	0.049	31.397	0.036
27.462	0.010	27.479	0.010	27.496	0.016	27.515	0.010	31.424	0.017	31.446	-0.002	31.469	-0.008	31.483	-0.034
27.535	-0.029	27.549	-0.042	27.569	-0.075	27.586	-0.107	31.501	-0.047	31.523	-0.073	31.540	-0.053	31.555	-0.013
27.601	-0.127	27.615	-0.146	27.636	-0.159	27.657	-0.158	31.577	0.020	31.599	0.053	31.618	0.073	31.638	0.087
27.679	-0.145	27.702	-0.144	27.723	-0.144	27.748	-0.130	31.658	0.094	31.681	0.094	31.705	0.094	31.734	0.094
27.766	-0.116	27.785	-0.089	27.807	-0.063	27.826	-0.049	31.757	0.094	31.775	0.107	31.801	0.074	31.828	0.048
27.847	-0.009	27.859	0.011	27.869	0.038	27.881	0.065	31.858	0.028	31.878	0.015	31.902	-0.004	31.932	-0.010
27.893	0.098	27.905	0.105	27.921	0.098	27.934	0.112	31.956	-0.010	31.979	0.023	31.983	0.023	32.021	0.064
28.018	0.106	28.029	0.093	28.041	0.074	28.052	0.054	32.042	0.038	32.059	0.018	32.068	0.018	32.092	0.025
28.063	0.028	28.075	0.008	28.083	-0.018	28.092	-0.038	32.125	0.086	32.145	0.106	32.168	0.087	32.184	0.054
28.107	-0.038	28.123	-0.018	28.135	0.001	28.147	0.021	32.195	0.008	32.229	0.046	32.241	0.056	32.264	0.076
28.161	0.041	28.176	0.034	28.195	0.041	28.208	0.041	32.291	0.071	32.322	0.045	32.359	0.020	32.375	-0.012
28.223	0.061	28.236	0.082	28.251	0.089	28.266	0.076	32.402	-0.084	32.418	-0.097	32.440	-0.096	32.455	-0.009
28.279	0.063	28.288	0.037	28.303	0.024	28.326	0.011	32.474	0.077	32.496	0.157	32.513	0.144	32.532	0.112
28.341	0.031	28.348	0.045	28.364	0.046	28.376	0.040	32.542	0.079	32.553	0.026	32.569	-0.019	32.589	-0.045
28.399	0.041	28.410	0.028	28.427	0.016	28.436	-0.017	32.603	-0.065	32.622	-0.097	32.642	-0.130	32.655	-0.143
28.454	-0.029	28.472	-0.029	28.495	-0.028	28.506	-0.027	32.679	-0.116	32.700	-0.082	32.727	-0.029	32.756	-0.042
28.524	-0.020	28.542	0.000	28.558	0.020	28.569	0.034	32.786	-0.048	32.809	-0.002	32.827	0.058	32.842	0.138
28.580	0.067	28.593	0.088	28.604	0.114	28.620	0.128	32.862	0.178	32.878	0.211	32.887	0.204	32.901	0.178
28.637	0.115	28.650	0.116	28.663	0.103	28.680	0.090	32.915	0.126	32.931	0.099	32.954	0.133	32.969	0.133
28.699	0.077	28.715	0.058	28.749	0.059	28.775	0.053	32.978	0.100	32.984	0.048	32.997	-0.005	33.019	-0.031
28.791	0.040	28.805	0.047	28.816	0.048	28.834	0.055	33.038	-0.044	33.050	-0.103	33.072	-0.175	33.095	-0.175
28.851	0.063	28.869	0.037	28.889	0.038	28.916	0.033	33.114	-0.135	33.126	-0.075	33.142	-0.022	33.171	0.065
28.948	0.035	28.981	0.024	28.996	0.032	29.021	0.014	33.192	0.119	33.219	0.159	33.249	0.141	33.269	0.161
29.038	0.009	29.051	0.003	29.069	0.004	29.086	0.011	33.300	0.163	33.318	0.117	33.338	0.072	33.364	-0.055
29.099	0.025	29.117	0.038	29.135	0.059	29.154	0.060	33.381	0.007	33.397	-0.038	33.436	-0.056	33.463	-0.055
29.170	0.073	29.192	0.087	29.209	0.101	29.229	0.121	33.481	-0.028	33.503	0.072	33.526	0.119	33.549	0.119
29.247	0.127	29.264	0.134	29.278	0.115	29.288	0.095	33.594	0.071	33.626	0.121	33.650	0.109	33.677	0.110
29.298	0.075	29.308	0.056	29.319	0.036	29.328	0.023	33.709	0.121	33.734	0.052	33.756	0.033	33.786	-0.012
29.341	0.011	29.352	0.011	29.362	0.025	29.382	0.045	33.803	-0.012	33.828	0.009	33.863	0.056	33.887	0.057
29.400	0.039	29.414	0.040	29.447	0.041	29.463	0.042	33.920	0.059	33.934	0.019	33.962	0.087	33.983	0.074
29.476	0.042	29.500	0.004	29.519	0.005	29.544	0.006	34.000	0.042	34.018	0.016	34.038	0.050	34.055	0.090
29.568	0.020	29.586	0.061	29.599	0.088	29.625	0.142	34.075	0.091	34.099	0.085	34.120	0.052	34.137	0.020
29.638	0.136	29.662	0.143	29.683	0.124	29.702	0.112	34.152	-0.020	34.160	-0.066	34.175	-0.079	34.188	-0.078
29.718	0.066	29.737	0.060	29.748	0.054	29.765	0.041	34.208	-0.065	34.223	-0.045	34.242	-0.058	34.257	-0.071
29.784	0.042	29.808	0.043	29.826	0.043	29.851	0.044	34.277	-0.017	34.293	0.029	34.305	0.062	34.320	0.116
29.866	0.032	29.886	0.026	29.906	0.007	29.930	0.008	34.336	0.169	34.357	0.170	34.376	0.157	34.387	0.171
29.951	0.003	29.969	0.004	29.984	0.004	30.001	0.012	34.403	0.198	34.437	0.186	34.449	0.147	34.474	0.049
30.016	0.039	30.029	0.033	30.050	0.034	30.068	0.029	34.484	0.029	34.505	-0.010	34.518	-0.055	34.535	-0.081
30.084	0.023	30.099	0.031	30.105	0.051	30.123	0.065	34.560	-0.073	34.582	-0.058	34.606	-0.024	34.616	0.010
30.149	0.060	30.174	0.062	30.193	0.062	30.219	0.064	34.633	0.050	34.646	0.117	34.663	0.197	34.683	0.198
30.241	0.065	30.264	0.066	30.286	0.067	30.312	0.075	34.712	0.186	34.741	0.180	34.758	0.161	34.777	0.135
								34.792	0.070	34.814	0.018	34.831	-0.014	34.855	-0.047

34.892	-0.052	34.916	-0.058	34.947	-0.030	34.973	0.030	39.216	0.009	39.239	0.011	39.274	0.046	39.308	0.048
34.995	0.077	35.012	0.110	35.041	0.165	35.058	0.166	39.326	0.049	39.348	0.037	39.370	0.031	39.388	0.032
35.079	0.134	35.112	0.149	35.128	0.123	35.167	0.040	39.412	0.020	39.438	0.009	39.463	0.003	39.489	0.005
35.190	-0.005	35.257	-0.033	35.285	-0.011	35.309	0.044	39.508	0.019	39.531	0.020	39.550	0.001	39.583	0.003
35.349	0.073	35.398	0.034	35.428	0.046	35.464	0.046	39.612	0.004	39.647	0.012	39.664	0.033	39.686	0.047
35.496	0.021	35.522	0.009	35.550	-0.009	35.567	-0.021	39.713	0.048	39.740	0.036	39.773	0.023	39.795	0.010
35.581	-0.033	35.601	-0.018	35.625	0.056	35.653	0.071	39.821	-0.003	39.853	-0.002	39.874	-0.002	39.901	-0.008
35.678	0.099	35.703	0.093	35.726	0.113	35.764	0.141	39.938	-0.013	39.956	0.001	39.983	0.021	40.000	0.028
35.789	0.121	35.807	0.076	35.824	0.037	35.841	-0.069	40.033	0.029	40.068	0.032	40.094	0.047	40.131	0.043
35.860	-0.095	35.886	-0.094	35.910	-0.087	35.926	-0.047	40.160	0.038	40.205	0.021	40.231	0.023	40.256	0.011
35.946	0.007	35.966	0.027	35.986	0.061	36.013	0.089	40.290	0.019	40.314	0.021	40.337	0.035	40.352	0.056
36.028	0.097	36.042	0.098	36.057	0.099	36.105	0.096	40.383	0.058	40.431	0.059	40.453	0.040	40.481	0.027
36.083	0.114	36.095	0.109	36.100	0.109	36.105	0.096	40.503	0.028	40.529	0.015	40.556	0.021	40.575	0.034
36.106	0.096	36.108	0.097	36.109	0.090	36.122	0.065	40.596	0.054	40.606	0.054	40.629	0.074	40.644	0.081
36.133	0.046	36.140	0.053	36.156	0.035	36.165	0.022	40.658	0.095	40.672	0.095	40.705	0.095	40.733	0.095
36.181	-0.036	36.194	-0.028	36.202	-0.034	36.212	-0.033	40.750	0.069	40.769	0.070	40.786	0.057	40.799	0.051
36.222	-0.046	36.240	-0.038	36.285	-0.034	36.301	-0.020	40.825	0.039	40.845	0.033	40.863	0.014	40.881	-0.012
36.315	0.001	36.333	-0.010	36.355	-0.001	36.374	0.007	40.913	-0.011	40.933	0.003	40.954	0.017	40.981	0.024
36.389	0.022	36.409	0.038	36.422	0.053	36.445	0.062	41.010	0.025	41.043	0.026	41.077	0.040	41.101	0.033
36.457	0.057	36.473	0.065	36.483	0.073	36.494	0.074	41.127	0.014	41.156	-0.006	41.187	-0.012	41.224	-0.012
36.512	0.070	36.524	0.058	36.540	0.033	36.549	0.021	41.258	-0.025	41.290	-0.025	41.310	-0.018	41.379	-0.019
36.568	0.010	36.581	-0.008	36.601	-0.013	36.619	-0.031	41.408	-0.019	41.444	-0.019	41.476	-0.039	41.497	-0.020
36.637	-0.029	36.647	-0.015	36.669	-0.020	36.696	-0.017	41.525	0.013	41.565	0.019	41.585	0.025	41.630	0.044
36.712	-0.029	36.724	-0.027	36.743	-0.026	36.756	-0.018	41.671	0.057	41.674	0.050	41.715	0.043	41.740	0.042
36.778	-0.016	36.797	-0.000	36.808	0.007	36.825	0.009	41.767	0.049	41.814	0.035	41.842	0.048	41.887	0.048
36.844	-0.008	36.864	-0.020	36.873	0.001	36.896	0.030	41.915	0.048	41.937	0.034	41.969	0.074	42.006	0.074
36.905	0.031	36.920	0.059	36.938	0.054	36.960	0.036	42.039	0.061	42.069	0.054	42.101	0.054	42.137	0.054
36.969	0.030	36.979	0.024	36.999	0.013	37.008	0.014	42.163	0.061	42.183	0.074	42.204	0.087	42.223	0.100
37.023	0.015	37.045	0.024	37.060	0.038	37.072	0.039	42.244	0.120	42.264	0.114	42.289	0.100	42.316	0.087
37.082	0.053	37.092	0.067	37.107	0.068	37.117	0.056	42.350	0.087	42.367	0.061	42.383	0.034	42.401	0.021
37.130	0.050	37.141	0.044	37.141	0.044	37.160	0.026	42.420	0.021	42.444	0.021	42.472	0.021	42.486	0.034
37.174	0.027	37.194	0.009	37.216	0.018	37.228	0.039	42.503	0.048	42.536	0.048	42.565	0.034	42.582	0.028
37.236	0.046	37.250	0.047	37.267	0.042	37.283	0.030	42.611	0.028	42.622	0.041	42.642	0.021	42.664	0.015
37.305	0.019	37.325	0.022	37.346	0.024	37.356	0.032	42.687	0.015	42.706	0.022	42.724	0.042	42.741	0.056
37.381	0.055	37.402	0.064	37.414	0.052	37.433	0.054	42.767	0.056	42.780	0.037	42.796	0.037	42.820	0.024
37.446	0.049	37.456	0.057	37.466	0.071	37.486	0.081	42.844	0.025	42.872	0.025	42.888	0.006	42.917	0.007
37.493	0.095	37.510	0.084	37.523	0.079	37.532	0.060	42.936	-0.006	42.954	-0.012	42.978	-0.011	42.994	0.010
37.545	0.062	37.561	0.070	37.589	0.065	37.603	0.060	43.011	0.037	43.028	0.057	43.049	0.057	43.073	0.064
37.612	0.054	37.623	0.055	37.636	0.056	37.648	0.057	43.098	0.071	43.144	0.046	43.166	0.033	43.197	0.027
37.683	0.071	37.683	0.060	37.693	0.054	37.705	0.049	43.219	0.021	43.269	0.034	43.295	0.041	43.316	0.054
37.713	0.036	37.727	0.011	37.743	-0.007	37.754	-0.025	43.346	0.054	43.360	0.054	43.389	0.054	43.415	0.061
37.769	-0.037	37.789	-0.034	37.817	-0.038	37.830	-0.024	43.439	0.055	43.468	0.049	43.490	0.037	43.515	0.037
37.847	-0.003	37.871	-0.008	37.889	-0.006	37.907	0.001	43.542	0.031	43.558	0.026	43.570	0.026	43.588	0.054
37.922	0.016	37.947	0.037	37.962	0.045	37.981	0.066	43.611	0.055	43.641	0.043	43.672	0.045	43.695	0.047
37.994	0.080	38.016	0.088	38.036	0.089	38.047	0.063	43.721	0.048	43.744	0.050	43.759	0.051	43.772	0.038
38.074	0.012	38.093	0.001	38.117	0.003	38.201	0.010	43.780	0.032	43.794	0.014	43.806	0.008	43.815	-0.005
38.223	-0.001	38.272	0.004	38.296	0.020	38.379	0.028	43.826	-0.011	43.839	-0.017	43.856	-0.009	43.871	-0.008
38.400	0.016	38.432	0.012	38.483	0.008	38.513	0.017	43.889	-0.007	43.906	-0.006	43.916	0.015	43.929	0.035
38.530	0.044	38.562	0.066	38.586	0.054	38.619	0.043	43.952	0.037	43.967	0.051	43.990	0.040	44.011	0.034
38.623	0.043	38.666	0.039	38.682	0.040	38.704	0.048	44.036	0.023	44.063	0.018	44.090	0.006	44.113	0.001
38.728	0.049	38.748	0.037	38.761	0.025	38.776	0.006	44.160	0.003	44.197	-0.001	44.201	-0.001	44.243	0.002
38.791	-0.006	38.811	-0.025	38.832	-0.023	38.853	-0.022	44.273	0.004	44.315	0.006	44.363	0.010	44.402	0.013
38.864	-0.015	38.875	-0.008	38.894	-0.007	38.907	0.014	44.437	0.015	44.454	0.023	44.475	0.031	44.524	0.061
38.921	0.034	38.938	0.048	38.960	0.049	38.983	0.050	44.437	0.063	44.580	0.078	44.637	0.068	44.666	0.063
39.004	0.058	39.030	0.053	39.053	0.067	39.079	0.088	44.549	0.057	44.726	0.018	44.766	0.019	44.808	-0.007
39.099	0.049	39.132	0.017	39.152	0.005	39.191	0.001	44.864	0.007	44.888	0.007	44.961	0.015	44.987	0.015

45.021	0.021	45.074	0.022	45.106	0.036	45.167	0.038
45.190	0.012	45.216	0.014	45.247	0.023	45.316	0.029
45.351	0.038	45.381	0.053	45.424	0.062	45.470	0.065
45.534	0.067	45.551	0.055	45.592	0.010	45.625	0.031
45.660	0.033	45.713	0.042	45.732	0.069	45.775	0.071
45.803	0.077	45.834	0.058	45.863	0.058	45.878	0.039
45.902	0.026	45.931	0.026	45.956	0.032	45.985	0.025
46.012	0.031	46.033	0.044	46.055	0.057	46.076	0.069
46.098	0.082	46.126	0.076	46.177	0.037	46.209	0.024
46.241	0.025	46.267	0.014	46.292	0.009	46.321	0.011
46.364	0.014	46.407	0.017	46.458	0.027	46.506	0.031
46.536	0.046	46.599	0.036	46.619	0.063	46.666	0.065
46.706	0.067	46.747	0.050	46.799	0.046	46.845	0.049
46.888	0.051	46.934	0.056	46.979	0.054	47.013	0.045
47.062	0.004						

IR251

71.198 2/9/71 0600PST L.A. 234 FIGUERDA ST. BASEMENT S53E

2925 POINTS 47.134 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2265 G/10.

[illegible]

3.737	-0.852	3.744	-0.785	3.752	-0.686	3.760	-0.546	6.009	1.106	6.018	0.913	6.027	0.667	6.036	0.421
3.768	-0.433	3.775	-0.360	3.785	-0.307	3.793	-0.281	6.048	0.221	6.059	0.021	6.069	-0.033	6.081	-0.067
3.802	-0.215	3.812	-0.162	3.821	-0.115	3.832	-0.089	6.097	0.048	6.111	-0.009	6.122	0.030	6.132	0.016
3.842	-0.069	3.852	-0.069	3.861	-0.116	3.869	-0.229	6.140	-0.037	6.149	-0.217	6.160	-0.403	6.170	-0.663
3.876	-0.309	3.883	-0.383	3.892	-0.449	3.903	-0.489	6.179	-0.809	6.188	-0.916	6.196	-0.929	6.205	-0.823
3.913	-0.490	3.924	-0.457	3.935	-0.417	3.944	-0.351	6.215	-0.731	6.226	-0.691	6.238	-0.771	6.249	-0.818
3.955	-0.285	3.967	-0.220	3.977	-0.174	3.987	-0.101	6.263	-0.878	6.272	-0.858	6.283	-0.785	6.295	-0.659
4.000	-0.082	4.007	-0.109	4.017	-0.203	4.026	-0.290	6.299	-0.526	6.310	-0.473	6.315	-0.386	6.326	-0.386
4.036	-0.350	4.046	-0.404	4.056	-0.411	4.066	-0.412	6.334	-0.433	6.344	-0.466	6.359	-0.419	6.374	-0.400
4.076	-0.413	4.090	-0.400	4.101	-0.395	4.116	-0.436	6.378	-0.307	6.386	-0.260	6.395	-0.280	6.402	-0.307
4.127	-0.450	4.139	-0.391	4.146	-0.292	4.154	-0.186	6.412	-0.513	6.423	-0.652	6.430	-0.738	6.443	-0.712
4.164	-0.054	4.173	-0.085	4.184	-0.244	4.196	-0.363	6.454	-0.552	6.464	-0.446	6.475	-0.273	6.487	-0.134
4.210	0.476	4.218	0.549	4.227	0.548	4.235	0.528	6.499	0.032	6.509	0.185	6.521	0.285	6.533	0.345
4.245	0.408	4.253	0.282	4.262	0.149	4.269	0.042	6.544	0.451	6.557	0.564	6.568	0.683	6.580	0.757
4.276	-0.011	4.285	-0.064	4.296	-0.051	4.307	-0.051	6.596	0.796	6.604	0.783	6.615	0.710	6.623	0.604
4.316	-0.052	4.326	-0.058	4.334	-0.125	4.345	-0.251	6.631	0.477	6.643	0.211	6.655	-0.094	6.668	-0.420
4.355	-0.391	4.367	-0.431	4.378	-0.358	4.389	-0.252	6.677	-0.586	6.689	-0.666	6.698	-0.633	6.707	-0.527
4.399	-0.139	4.410	-0.073	4.419	-0.046	4.428	-0.053	6.716	-0.301	6.723	-0.002	6.734	0.183	6.747	0.289
4.438	-0.133	4.446	-0.180	4.453	-0.220	4.464	-0.266	6.756	0.435	6.770	0.508	6.783	0.567	6.797	0.646
4.475	-0.300	4.486	-0.360	4.496	-0.460	4.508	-0.480	6.806	0.639	6.817	0.532	6.827	0.313	6.834	0.106
4.519	-0.487	4.529	-0.374	4.536	-0.242	4.545	-0.069	6.844	-0.100	6.854	-0.247	6.866	-0.367	6.877	-0.460
4.551	-0.037	4.560	0.189	4.567	0.262	4.576	0.381	6.888	-0.527	6.897	-0.501	6.906	-0.428	6.916	-0.289
4.584	0.461	4.596	0.500	4.606	0.539	4.613	0.618	6.928	-0.203	6.940	-0.130	6.950	-0.111	6.964	-0.098
4.621	0.704	4.629	0.703	4.637	0.610	4.646	0.456	6.979	-0.065	6.992	-0.019	7.001	-0.099	7.013	-0.319
4.657	0.336	4.664	0.263	4.672	0.169	4.680	0.102	7.024	-0.478	7.036	-0.591	7.048	-0.678	7.061	-0.704
4.689	0.009	4.697	-0.018	4.708	-0.058	4.718	-0.112	7.073	-0.638	7.091	-0.585	7.102	-0.599	7.114	-0.645
4.726	-0.145	4.735	-0.146	4.743	-0.119	4.751	0.007	7.125	-0.692	7.138	-0.759	7.152	-0.813	7.160	-0.880
4.759	0.008	4.769	0.186	4.777	0.212	4.787	0.139	7.174	-0.597	7.183	-0.888	7.194	-0.809	7.207	-0.696
4.799	-0.008	4.809	-0.160	4.820	-0.346	4.833	-0.426	7.219	-0.597	7.230	-0.452	7.241	-0.319	7.254	-0.180
4.844	-0.446	4.852	-0.532	4.861	-0.685	4.871	-0.838	7.264	-0.016	7.277	0.102	7.290	0.227	7.300	0.292
4.879	-0.918	4.887	-0.891	4.895	-0.838	4.903	-0.692	7.312	0.271	7.324	0.249	7.339	0.194	7.352	0.212
4.911	-0.599	4.917	-0.519	4.925	-0.493	4.935	-0.466	7.362	0.291	7.376	0.369	7.388	0.434	7.404	0.486
4.946	-0.446	4.955	-0.393	4.963	-0.267	4.973	-0.101	7.418	0.498	7.436	0.463	7.451	0.389	7.464	0.321
4.981	0.085	4.989	0.265	5.000	0.431	5.012	0.511	7.477	0.247	7.492	0.219	7.503	0.244	7.513	0.363
5.019	0.551	5.029	0.590	5.042	0.624	5.056	0.597	7.528	0.429	7.541	0.462	7.560	0.502	7.576	0.535
5.066	0.551	5.078	0.504	5.085	0.404	5.093	0.291	7.584	0.482	7.598	0.315	7.612	0.215	7.623	0.242
5.098	0.152	5.108	-0.061	5.116	-0.327	5.124	-0.533	7.639	0.308	7.654	0.401	7.667	0.381	7.681	0.234
5.132	-0.626	5.145	-0.713	5.155	-0.819	5.169	-0.879	7.689	0.062	7.706	-0.038	7.715	0.061	7.729	0.201
5.185	-0.879	5.194	-0.846	5.203	-0.773	5.214	-0.694	7.740	0.340	7.751	0.486	7.761	0.598	7.772	0.678
5.222	-0.621	5.231	-0.535	5.245	-0.476	5.256	-0.363	7.784	0.712	7.798	0.472	7.812	0.758	7.826	0.732
5.270	-0.304	5.286	-0.318	5.299	-0.325	5.309	-0.319	7.841	0.619	7.852	0.472	7.864	0.340	7.877	0.207
5.325	-0.313	5.338	-0.333	5.349	-0.393	5.362	-0.434	7.889	0.134	7.903	0.121	7.918	0.168	7.932	0.188
5.374	-0.421	5.385	-0.362	5.394	-0.269	5.403	-0.169	7.950	-0.282	7.961	0.262	7.972	0.176	7.987	-0.043
5.414	-0.050	5.425	-0.056	5.443	0.148	5.455	0.254	8.000	-0.175	8.014	-0.348	8.031	-0.520	8.046	-0.680
5.468	0.300	5.479	0.266	5.491	0.173	5.505	0.073	8.063	-0.753	8.078	-0.746	8.095	-0.692	8.105	-0.652
5.515	-0.020	5.526	-0.086	5.535	-0.146	5.546	-0.273	8.118	-0.552	8.130	-0.479	8.144	-0.473	8.158	-0.493
5.560	-0.439	5.570	-0.572	5.580	-0.685	5.588	-0.771	8.169	-0.486	8.183	-0.486	8.197	-0.413	8.210	-0.366
5.600	-0.818	5.610	-0.845	5.620	-0.758	5.627	-0.665	8.227	-0.360	8.238	-0.260	8.248	-0.160	8.259	-0.027
5.634	-0.539	5.643	-0.439	5.650	-0.320	5.663	-0.273	8.270	-0.052	8.279	0.165	8.292	0.258	8.307	0.311
5.678	-0.227	5.689	-0.200	5.700	-0.174	5.711	-0.227	8.319	0.232	8.328	0.072	8.340	0.154	8.351	0.320
5.723	-0.346	5.733	-0.433	5.743	-0.479	5.756	-0.513	8.366	-0.360	8.381	-0.373	8.396	-0.373	8.411	-0.400
5.770	-0.479	5.782	-0.433	5.794	-0.453	5.806	-0.499	8.429	-0.406	8.450	-0.453	8.457	-0.586	8.473	-0.718
5.819	-0.506	5.831	-0.366	5.843	-0.094	5.853	-0.145	8.488	-0.931	8.498	-1.130	8.509	-1.310	8.522	-1.449
5.866	0.458	5.878	0.710	5.890	0.929	5.902	1.129	8.537	-1.449	8.554	-1.350	8.562	-1.091	8.574	-0.738
5.913	1.308	5.925	1.520	5.939	1.613	5.951	1.599	8.586	-0.400	8.594	-0.134	8.607	0.198	8.618	0.511
5.967	1.532	5.978	1.472	5.990	1.406	5.999	1.292	8.630	0.936	8.640	1.228	8.649	1.501	8.661	1.760

8.668	1.846	8.678	1.893	8.689	1.786	8.698	1.627	*11.734	-0.054	11.754	-0.067	11.767	-0.054	11.779	-0.041
8.708	1.461	8.720	1.295	8.728	1.095	8.741	0.922	11.784	-0.027	11.789	-0.027	11.792	-0.008	11.796	-0.001
8.749	0.763	8.762	0.630	8.774	0.523	8.787	0.423	11.807	0.006	11.821	0.012	11.832	-0.001	11.846	-0.027
8.803	0.330	8.817	0.250	8.833	0.177	8.846	0.104	11.857	0.026	11.871	0.059	11.884	0.105	11.895	0.165
8.860	0.023	8.879	0.043	8.888	0.109	8.898	0.248	11.905	0.179	11.920	0.205	11.931	0.172	11.941	0.112
8.913	0.328	8.918	0.301	8.936	0.154	8.944	0.081	11.952	0.046	11.962	-0.027	11.973	0.067	11.984	-0.120
8.954	0.001	8.968	-0.046	8.978	-0.139	8.988	-0.239	11.997	-0.133	12.009	-0.153	12.022	-0.186	12.034	-0.212
8.999	-0.358	9.010	-0.485	9.022	-0.505	9.034	-0.465	12.044	-0.245	12.056	-0.291	12.069	-0.291	12.081	-0.271
9.043	-0.386	9.054	-0.279	9.063	-0.193	9.078	-0.107	12.094	-0.264	12.106	-0.276	12.115	-0.290	12.126	-0.329
9.088	-0.127	9.100	-0.207	9.110	-0.247	9.122	-0.247	12.139	-0.269	12.151	-0.222	12.159	-0.189	12.167	-0.182
9.135	-0.280	9.144	-0.366	9.152	-0.479	9.165	-0.559	12.181	-0.222	12.192	-0.281	12.204	-0.314	12.215	-0.341
9.177	-0.645	9.187	-0.692	9.206	-0.692	9.213	-0.625	12.227	-0.341	12.239	-0.340	12.248	-0.373	12.260	-0.380
9.226	-0.499	9.244	-0.479	9.246	-0.586	9.259	-0.586	12.276	-0.360	12.286	-0.300	12.296	-0.246	12.306	-0.160
9.274	-0.552	9.285	-0.526	9.300	-0.513	9.322	-0.513	12.314	-0.119	12.323	-0.079	12.336	-0.059	12.348	-0.071
9.343	-0.466	9.353	-0.493	9.365	-0.386	9.376	-0.267	12.362	-0.084	12.379	-0.057	12.391	-0.036	12.403	-0.049
9.390	-0.114	9.403	-0.021	9.416	0.052	9.431	0.039	12.413	-0.049	12.426	-0.068	12.435	-0.007	12.446	0.047
9.443	-0.094	9.454	-0.227	9.469	-0.386	9.480	-0.473	12.456	0.101	12.463	0.135	12.471	0.155	12.485	0.177
9.497	-0.519	9.508	-0.426	9.515	-0.360	9.527	-0.280	12.497	0.178	12.508	0.159	12.519	0.146	12.530	0.113
9.539	-0.214	9.549	-0.114	9.561	-0.054	9.580	0.006	12.541	0.087	12.549	0.087	12.558	0.107	12.566	0.127
9.589	-0.074	9.600	-0.200	9.611	-0.300	9.623	-0.406	12.579	0.148	12.595	0.148	12.609	0.122	12.623	0.102
9.637	-0.413	9.646	-0.360	9.656	-0.287	9.670	-0.194	12.634	0.082	12.648	0.042	12.661	-0.005	12.671	-0.052
9.680	-0.147	9.694	-0.094	9.708	-0.074	9.721	-0.107	12.686	-0.152	12.695	-0.199	12.702	-0.239	12.714	-0.293
9.737	-0.180	9.750	-0.200	9.764	-0.167	9.778	-0.094	12.727	-0.260	12.740	-0.175	12.749	-0.109	12.764	-0.050
9.793	-0.001	9.804	0.079	9.815	0.218	9.829	0.358	12.775	-0.010	12.793	0.003	12.809	0.042	12.819	0.076
9.841	0.504	9.855	0.511	9.860	0.451	9.871	0.331	12.833	0.122	12.848	0.142	12.866	0.149	12.879	0.162
9.882	0.192	9.897	0.079	9.910	0.019	9.924	-0.047	12.890	0.169	12.903	0.202	12.917	0.169	12.928	0.116
9.942	-0.008	9.954	-0.107	9.959	-0.187	9.972	-0.280	12.939	0.043	12.954	-0.076	12.966	-0.156	12.976	-0.222
9.984	-0.380	9.995	-0.473	10.007	-0.532	10.020	-0.672	12.988	-0.268	13.005	-0.287	13.020	-0.320	13.031	-0.346
10.029	-0.798	10.043	-0.918	10.057	-0.911	10.069	-0.845	13.038	-0.366	13.054	-0.325	13.071	-0.252	13.087	-0.192
10.081	-0.752	10.092	-0.639	10.104	-0.572	10.118	-0.499	13.104	-0.118	13.117	-0.059	13.129	-0.005	13.146	-0.035
10.135	-0.479	10.149	-0.453	10.161	-0.446	10.175	-0.386	13.162	0.068	13.177	0.075	13.192	0.049	13.204	-0.018
10.187	-0.267	10.196	-0.167	10.213	-0.027	10.226	0.052	13.215	-0.091	13.232	-0.157	13.250	-0.123	13.269	-0.103
10.242	0.145	10.257	0.179	10.272	0.198	10.289	0.198	13.291	-0.103	13.314	-0.076	13.333	-0.036	13.355	-0.003
10.307	0.185	10.321	0.179	10.336	0.132	10.350	0.012	13.375	0.037	13.393	0.071	13.413	0.104	13.429	0.078
10.362	-0.054	10.376	-0.134	10.390	-0.194	10.401	-0.340	13.447	0.005	13.463	-0.061	13.473	-0.088	13.488	-0.121
10.411	-0.479	10.425	-0.586	10.439	-0.632	10.456	-0.639	13.506	-0.107	13.529	-0.101	13.543	-0.134	13.558	-0.207
10.472	-0.612	10.492	-0.506	10.506	-0.407	10.520	-0.327	13.572	-0.260	13.585	-0.286	13.606	-0.280	13.626	-0.273
10.539	-0.308	10.552	-0.328	10.569	-0.355	10.583	-0.302	13.640	-0.253	13.653	-0.194	13.668	-0.140	13.679	-0.147
10.600	-0.282	10.620	-0.257	10.633	-0.350	10.651	-0.378	13.696	-0.167	13.707	-0.187	13.724	-0.160	13.740	-0.120
10.667	-0.352	10.682	-0.259	10.696	-0.134	10.711	-0.008	13.753	-0.107	13.764	-0.081	13.778	-0.120	13.788	-0.174
10.726	0.084	10.737	0.077	10.750	0.057	10.763	0.010	13.805	-0.207	13.825	-0.214	13.842	-0.227	13.857	-0.273
10.780	-0.144	10.792	-0.277	10.805	-0.417	10.820	-0.531	13.872	-0.293	13.885	-0.273	13.904	-0.220	13.921	-0.207
10.843	-0.584	10.851	-0.564	10.863	-0.505	10.880	-0.372	13.941	-0.174	13.957	-0.094	13.969	-0.027	13.985	0.039
10.895	-0.313	10.905	-0.260	10.925	-0.200	10.938	-0.140	13.998	0.046	14.011	0.053	14.030	0.093	14.041	0.120
10.953	-0.008	10.968	0.105	10.976	0.112	10.991	0.032	14.054	0.173	14.066	0.207	14.076	0.254	14.088	0.320
11.006	-0.047	11.026	-0.147	11.038	-0.160	11.054	-0.247	14.096	0.329	14.109	0.367	14.122	0.361	14.141	0.302
11.069	-0.287	11.088	-0.333	11.104	-0.334	11.120	-0.333	14.157	0.229	14.171	0.136	14.188	0.077	14.202	0.051
11.143	-0.280	11.154	-0.240	11.169	-0.194	11.188	-0.120	14.221	0.026	14.233	0.013	14.250	-0.020	14.259	0.020
11.202	-0.101	11.220	-0.047	11.236	0.066	11.244	0.046	14.273	0.041	14.289	0.075	14.302	0.075	14.316	0.075
11.262	0.072	11.277	0.012	11.291	-0.001	11.303	0.026	14.335	0.076	14.356	0.096	14.374	0.130	14.387	0.190
11.320	0.039	11.344	0.032	11.362	0.012	11.377	0.072	14.403	0.203	14.414	0.184	14.434	0.104	14.452	0.012
11.397	0.159	11.412	0.205	11.424	0.265	11.441	0.311	14.468	-0.048	14.479	-0.061	14.492	-0.041	14.508	-0.027
11.458	0.311	11.476	0.258	11.490	0.205	11.509	0.165	14.524	-0.021	14.543	-0.041	14.558	-0.067	14.574	-0.101
11.523	0.139	11.541	0.139	11.561	0.165	11.583	0.238	14.590	-0.114	14.603	-0.114	14.619	-0.094	14.637	-0.094
11.604	0.318	11.623	0.245	11.637	0.252	11.656	0.291	14.653	-0.081	14.666	-0.107	14.677	-0.127	14.691	-0.180
11.670	0.212	11.682	0.132	11.695	0.059	11.714	-0.001	14.709	-0.240	14.722	-0.300	14.738	-0.353	14.752	-0.346

14.770	-0.300	14.780	-0.267	14.790	-0.240	14.803	-0.187	17.891	0.150	17.907	0.150	17.923	0.151	17.934	0.151
14.818	-0.147	14.834	-0.094	14.848	-0.034	14.861	-0.026	17.948	0.171	17.963	0.164	17.976	0.165	17.990	0.158
14.875	0.026	14.890	-0.001	14.905	-0.027	14.919	-0.041	18.003	0.119	18.018	0.085	18.032	0.046	18.048	0.006
14.936	-0.081	14.950	-0.101	14.966	-0.114	14.979	-0.114	18.065	-0.047	18.080	-0.067	18.094	-0.087	18.111	-0.087
14.996	-0.120	15.012	-0.120	15.025	-0.114	15.039	-0.101	18.124	-0.087	18.140	-0.074	18.157	-0.080	18.174	-0.113
15.055	-0.101	15.070	-0.087	15.082	-0.074	15.094	0.052	18.187	-0.166	18.202	-0.192	18.217	-0.218	18.232	-0.217
15.110	0.125	15.120	0.152	15.132	0.198	15.143	0.218	18.247	-0.217	18.259	-0.230	18.275	-0.269	18.291	-0.275
15.158	0.225	15.169	0.198	15.181	0.125	15.194	0.019	18.305	-0.255	18.317	-0.241	18.333	-0.233	18.348	-0.199
15.208	-0.074	15.222	-0.134	15.236	-0.180	15.246	-0.220	18.362	-0.159	18.374	-0.118	18.389	-0.098	18.404	-0.084
15.259	-0.260	15.270	-0.280	15.282	-0.280	15.295	-0.260	18.415	-0.123	18.429	-0.156	18.443	-0.188	18.454	-0.208
15.309	-0.233	15.322	-0.200	15.335	-0.174	15.348	-0.127	18.466	-0.234	18.477	-0.234	18.487	-0.194	18.498	-0.154
15.362	-0.094	15.377	-0.074	15.393	-0.081	15.407	-0.074	18.512	-0.074	18.523	-0.014	18.535	0.046	18.550	0.087
15.421	-0.087	15.434	-0.114	15.447	-0.134	15.462	-0.160	18.563	0.127	18.575	0.127	18.589	0.154	18.603	0.174
15.469	-0.167	15.481	-0.147	15.495	-0.140	15.510	-0.140	18.615	0.195	18.633	0.208	18.650	0.222	18.663	0.216
15.526	-0.167	15.543	-0.180	15.558	-0.180	15.575	-0.180	18.675	0.209	18.688	0.183	18.702	0.170	18.714	0.144
15.593	-0.180	15.609	-0.160	15.625	-0.114	15.638	-0.087	18.727	0.118	18.741	0.085	18.756	0.040	18.770	0.027
15.651	-0.054	15.663	-0.047	15.680	-0.067	15.697	-0.114	18.784	-0.027	18.801	0.021	18.814	0.022	18.826	-0.016
15.710	-0.147	15.722	-0.160	15.737	-0.174	15.752	-0.180	18.840	-0.010	18.855	-0.056	18.869	-0.088	18.884	-0.107
15.767	-0.214	15.780	-0.227	15.792	-0.187	15.803	-0.134	18.896	-0.087	18.910	-0.079	18.924	-0.072	18.940	-0.044
15.818	-0.107	15.833	-0.107	15.850	-0.107	15.866	-0.107	18.955	-0.037	18.967	-0.050	18.978	-0.069	18.991	-0.102
15.883	-0.101	15.897	-0.094	15.916	-0.087	15.932	-0.074	19.008	-0.135	19.019	-0.147	19.029	-0.167	19.041	-0.166
15.946	-0.047	15.958	-0.027	15.972	-0.014	15.987	-0.021	19.053	-0.173	19.065	-0.185	19.077	-0.185	19.092	-0.165
16.000	-0.014	16.015	-0.061	16.028	-0.127	16.040	-0.154	19.109	-0.164	19.124	-0.157	19.136	-0.150	19.150	-0.137
16.054	-0.160	16.067	-0.187	16.080	-0.227	16.092	-0.253	19.161	-0.123	19.177	-0.076	19.191	-0.029	19.202	-0.009
16.104	-0.233	16.119	-0.273	16.132	-0.260	16.145	-0.253	19.216	0.004	19.232	0.011	19.249	0.005	19.262	0.005
16.159	-0.273	16.174	-0.233	16.188	-0.253	16.205	-0.273	19.279	0.005	19.291	0.005	19.306	0.006	19.324	0.006
16.222	-0.252	16.240	-0.246	16.256	-0.239	16.271	-0.212	19.340	-0.026	19.353	0.060	19.368	0.100	19.384	0.113
16.284	-0.158	16.294	-0.072	16.307	-0.005	16.321	-0.056	19.404	0.107	19.416	0.134	19.434	0.188	19.448	0.208
16.335	0.116	16.348	0.123	16.361	0.084	16.373	0.011	19.461	0.215	19.475	0.229	19.490	0.236	19.506	0.243
16.382	-0.022	16.396	-0.048	16.411	-0.087	16.425	-0.040	19.517	0.230	19.529	0.184	19.543	0.132	19.555	0.099
16.442	-0.040	16.456	-0.052	16.468	-0.059	16.480	-0.058	19.569	0.066	19.584	0.040	19.600	0.014	19.612	-0.006
16.496	-0.058	16.511	-0.064	16.524	-0.076	16.535	-0.109	19.624	0.015	19.636	0.035	19.652	0.083	19.665	0.070
16.546	-0.135	16.558	-0.155	16.569	-0.155	16.579	-0.115	19.680	0.097	19.696	0.105	19.709	0.132	19.724	0.152
16.592	-0.048	16.606	0.005	16.620	0.038	16.634	0.072	19.735	0.126	19.755	0.047	19.769	0.008	19.788	-0.031
16.651	0.105	16.663	0.132	16.682	0.119	16.696	0.105	19.801	-0.070	19.817	-0.110	19.832	-0.149	19.847	-0.155
16.709	0.099	16.721	0.132	16.733	0.179	16.745	0.198	19.863	-0.168	19.878	-0.174	19.890	-0.154	19.908	-0.127
16.761	0.185	16.773	0.172	16.784	0.145	16.796	0.105	19.922	-0.100	19.936	-0.093	19.949	-0.066	19.963	-0.032
16.807	0.085	16.819	0.066	16.834	0.033	16.851	0.020	19.974	0.008	19.988	0.049	20.003	0.069	20.012	0.063
16.867	0.006	16.880	0.000	16.894	-0.013	16.908	-0.019	20.026	0.064	20.038	0.044	20.049	0.031	20.063	0.025
16.923	-0.019	16.935	-0.012	16.946	0.001	16.963	0.041	20.081	0.033	20.099	0.034	20.115	0.035	20.132	0.035
16.979	0.055	16.993	0.095	17.007	0.069	17.020	0.023	20.146	0.036	20.158	0.037	20.173	0.038	20.189	0.038
17.034	0.003	17.044	0.017	17.059	0.050	17.072	0.057	20.205	0.019	20.219	-0.013	20.233	-0.012	20.248	0.008
17.084	0.037	17.098	-0.009	17.112	-0.022	17.124	-0.009	20.264	0.022	20.279	0.036	20.289	0.030	20.306	-0.009
17.139	0.025	17.155	0.078	17.169	0.125	17.184	0.178	20.319	-0.021	20.336	-0.034	20.349	-0.047	20.364	-0.046
17.195	0.225	17.208	0.278	17.228	0.265	17.244	0.252	20.376	-0.032	20.392	-0.004	20.409	0.016	20.420	0.024
17.258	0.252	17.271	0.253	17.287	0.233	17.299	0.220	20.432	0.024	20.446	0.025	20.456	0.005	20.468	-0.007
17.313	0.220	17.328	0.233	17.345	0.240	17.357	0.194	20.478	-0.014	20.491	0.007	20.502	0.034	20.514	0.074
17.367	0.141	17.382	0.088	17.393	0.082	17.406	0.082	20.529	0.075	20.541	0.069	20.553	0.069	20.561	0.083
17.419	0.082	17.433	0.069	17.447	0.056	17.460	0.050	20.573	0.110	20.588	0.117	20.602	0.110	20.616	0.084
17.475	0.030	17.488	0.031	17.498	0.031	17.512	0.018	20.629	0.078	20.642	0.105	20.657	0.138	20.672	0.179
17.525	-0.002	17.539	-0.015	17.555	-0.015	17.566	-0.015	20.684	0.166	20.699	0.146	20.710	0.106	20.722	0.054
17.578	-0.015	17.588	-0.055	17.600	-0.114	17.613	-0.187	20.740	0.007	20.756	-0.019	20.770	-0.018	20.783	-0.018
17.626	-0.253	17.643	-0.293	17.657	-0.259	17.673	-0.226	20.797	0.009	20.814	0.023	20.831	0.043	20.848	0.077
17.689	-0.186	17.707	-0.172	17.725	-0.119	17.741	-0.039	20.861	0.117	20.882	0.091	20.890	0.051	20.903	0.012
17.760	0.001	17.777	0.015	17.792	0.042	17.808	0.069	20.917	0.012	20.928	0.013	20.940	0.007	20.956	-0.019
17.823	0.096	17.839	0.122	17.856	0.136	17.876	0.136	20.971	-0.025	20.985	-0.025	20.999	-0.031	21.015	-0.037

21.031	-0.036	21.046	-0.035	21.058	-0.035	21.077	-0.040	24.579	-0.003	24.596	-0.022	24.613	-0.029	24.625	-0.008
21.093	-0.046	21.109	-0.059	21.125	-0.064	21.139	-0.084	24.641	-0.002	24.661	0.012	24.681	0.019	24.695	0.039
21.152	-0.130	21.168	-0.155	21.182	-0.174	21.195	-0.174	24.709	0.040	24.722	0.047	24.734	0.060	24.749	0.081
21.209	-0.160	21.225	-0.152	21.244	-0.131	21.257	-0.104	24.764	0.081	24.778	0.101	24.795	0.108	24.806	0.109
21.269	-0.057	21.283	-0.043	21.296	-0.029	21.314	-0.021	24.820	0.081	24.831	0.084	24.843	0.065	24.855	0.046
21.330	-0.020	21.349	0.007	21.366	0.014	21.379	0.034	24.864	0.020	24.874	-0.005	24.888	-0.004	24.905	-0.009
21.397	0.075	21.411	0.102	21.425	0.109	21.440	0.110	24.918	-0.008	24.934	0.013	24.945	0.040	24.956	0.061
21.455	0.110	21.470	0.110	21.485	0.111	21.499	0.111	24.969	0.062	24.981	0.070	24.995	0.051	25.016	0.039
21.514	0.105	21.533	0.059	21.548	0.019	21.565	0.007	25.027	0.034	25.037	0.021	25.050	0.009	25.064	-0.004
21.581	-0.047	21.599	-0.106	21.606	-0.139	21.624	-0.185	25.075	-0.010	25.088	-0.010	25.102	0.004	25.117	0.024
21.638	-0.212	21.656	-0.211	21.671	-0.197	21.686	-0.177	25.136	0.031	25.153	0.052	25.171	0.059	25.187	0.059
21.698	-0.157	21.712	-0.084	21.724	-0.024	21.738	0.010	25.200	0.072	25.215	0.093	25.232	0.099	25.254	0.106
21.753	0.030	21.769	0.057	21.782	0.084	21.794	0.091	25.267	0.120	25.281	0.107	25.296	0.087	25.310	0.061
21.811	0.065	21.831	0.025	21.846	0.026	21.862	0.053	25.326	0.048	25.341	0.029	25.355	0.016	25.367	0.003
21.881	0.060	21.898	0.073	21.914	0.080	21.926	0.087	25.383	0.003	25.392	0.003	25.406	0.004	25.420	0.024
21.941	0.068	21.954	0.061	21.969	0.062	21.983	0.089	25.432	0.024	25.445	0.031	25.459	0.044	25.471	0.045
21.998	0.089	22.014	0.043	22.028	0.003	22.043	-0.017	25.484	0.058	25.499	0.071	25.516	0.072	25.530	0.079
22.058	-0.016	22.074	-0.022	22.089	-0.029	22.106	-0.008	25.544	0.079	25.557	0.079	25.573	0.079	25.590	0.079
22.120	0.032	22.133	0.105	22.148	0.165	22.164	0.199	25.605	0.079	25.618	0.086	25.633	0.086	25.644	0.113
22.176	0.219	22.193	0.226	22.208	0.226	22.226	0.220	25.659	0.140	25.675	0.147	25.692	0.154	25.706	0.154
22.241	0.181	22.258	0.142	22.275	0.116	22.292	0.083	25.719	0.154	25.733	0.148	25.745	0.108	25.762	0.082
22.318	0.037	22.330	0.018	22.349	0.018	22.364	0.019	25.772	0.056	25.784	0.036	25.799	0.017	25.819	0.017
22.378	0.026	22.392	0.040	22.409	0.047	22.424	0.048	25.835	0.031	25.848	0.031	25.861	0.024	25.878	0.025
22.441	0.049	22.456	0.036	22.474	0.011	22.490	0.011	25.891	0.025	25.907	0.045	25.924	0.098	25.941	0.105
22.506	0.032	22.520	0.039	22.536	0.034	22.550	0.041	25.959	0.139	25.973	0.139	25.986	0.139	25.997	0.140
22.565	0.069	22.583	0.083	22.597	0.084	22.615	0.065	26.007	0.140	26.017	0.120	26.030	0.121	26.044	0.108
22.640	0.047	22.656	0.034	22.673	0.022	22.693	0.024	26.057	0.108	26.070	0.109	26.085	0.109	26.097	0.110
22.710	0.032	22.728	0.033	22.745	0.041	22.765	0.056	26.109	0.123	26.122	0.137	26.137	0.137	26.151	0.138
22.781	0.070	22.800	0.092	22.820	0.107	22.836	0.128	26.163	0.152	26.176	0.153	26.188	0.154	26.204	0.148
22.851	0.136	22.866	0.143	22.885	0.151	22.902	0.159	26.218	0.149	26.233	0.150	26.248	0.151	26.262	0.152
22.917	0.174	22.930	0.181	22.946	0.143	22.960	0.091	26.273	0.166	26.286	0.187	26.300	0.194	26.315	0.195
22.975	0.045	23.058	-0.001	23.006	-0.013	23.021	-0.032	26.382	0.195	26.347	0.203	26.355	0.190	26.369	0.157
23.037	-0.045	23.058	-0.071	23.077	-0.076	23.088	-0.076	26.382	0.131	26.396	0.119	26.410	0.079	26.422	0.047
23.103	-0.075	23.123	-0.047	23.143	-0.038	23.170	-0.036	26.431	0.014	26.441	-0.026	26.453	-0.039	26.465	-0.039
23.188	-0.022	23.208	0.006	23.225	0.002	23.244	0.025	26.476	-0.038	26.488	-0.038	26.497	-0.038	26.506	-0.024
23.261	0.080	23.280	0.115	23.298	0.157	23.317	0.166	26.525	-0.037	26.535	-0.044	26.545	-0.044	26.562	-0.050
23.335	0.167	23.346	0.149	23.362	0.130	23.377	0.118	26.578	-0.050	26.592	-0.082	26.607	-0.082	26.622	-0.082
23.395	0.119	23.413	0.120	23.428	0.108	23.441	0.082	26.637	-0.082	26.651	-0.081	26.665	-0.074	26.682	-0.074
23.456	0.057	23.471	0.044	23.487	0.032	23.503	0.073	26.695	-0.080	26.712	-0.073	26.726	-0.060	26.744	-0.046
23.518	0.093	23.535	0.134	23.548	0.168	23.564	0.210	26.754	-0.012	26.771	0.014	26.787	0.028	26.801	0.042
23.588	0.218	23.607	0.213	23.625	0.208	23.648	0.203	26.813	0.042	26.825	0.069	26.841	0.069	26.855	0.070
23.661	0.144	23.679	0.086	23.693	0.047	23.710	0.021	26.873	0.070	26.885	0.070	26.895	0.071	26.909	0.073
23.726	-0.024	23.754	-0.055	23.766	-0.054	23.781	-0.053	26.923	0.098	26.935	0.092	26.945	0.085	26.960	0.073
23.797	-0.052	23.821	-0.050	23.835	-0.063	23.851	-0.082	26.971	0.046	26.985	0.027	26.998	0.001	27.009	-0.012
23.868	-0.101	23.887	-0.107	23.901	-0.107	23.912	-0.119	27.020	-0.012	27.030	0.008	27.045	0.009	27.061	0.009
23.923	-0.125	23.933	-0.119	23.946	-0.118	23.959	-0.098	27.070	-0.004	27.084	-0.017	27.097	-0.043	27.110	-0.042
23.973	-0.057	23.988	-0.017	24.004	0.010	24.018	0.037	27.124	-0.035	27.134	-0.015	27.147	-0.001	27.162	0.019
24.033	0.058	24.050	0.072	24.067	0.099	24.085	0.106	27.176	-0.019	27.190	0.040	27.207	0.060	27.229	0.067
24.101	0.113	24.114	0.114	24.131	0.114	24.144	0.115	27.242	0.087	27.258	0.087	27.273	0.087	27.293	0.087
24.154	0.102	24.168	0.076	24.181	0.057	24.199	0.044	27.307	0.087	27.322	0.087	27.338	0.094	27.356	0.100
24.218	0.045	24.234	0.026	24.248	0.027	24.263	0.035	27.370	0.113	27.386	0.113	27.403	0.107	27.424	0.094
24.280	0.063	24.301	0.084	24.317	0.092	24.332	0.093	27.437	0.080	27.456	0.080	27.468	0.080	27.479	0.074
24.343	0.101	24.360	0.095	24.369	0.063	24.383	0.031	27.491	0.061	27.504	0.041	27.517	0.027	27.532	0.028
24.395	0.032	24.415	0.027	24.427	0.035	24.440	0.036	27.544	0.028	27.553	0.028	27.563	0.029	27.579	0.029
24.452	0.037	24.470	0.044	24.484	0.058	24.495	0.046	27.590	0.036	27.602	0.050	27.614	0.050	27.631	0.050
24.511	0.033	24.527	0.014	24.543	0.002	24.562	0.003	27.646	0.077	27.667	0.078	27.682	0.071	27.698	0.072

27.711	0.072	27.723	0.072	27.738	0.059	27.753	0.053	30.909	-0.051	30.926	-0.057	30.942	-0.056	30.956	-0.056
27.766	0.027	27.781	0.001	27.798	-0.012	27.814	-0.025	30.969	-0.029	30.982	-0.008	30.998	0.006	31.015	0.040
27.828	-0.032	27.841	-0.031	27.857	-0.031	27.872	-0.031	31.026	0.053	31.041	0.067	31.057	0.074	31.073	0.088
27.886	-0.030	27.903	-0.023	27.918	-0.023	27.936	-0.023	31.085	0.089	31.103	0.090	31.114	0.070	31.129	0.084
27.952	-0.022	27.964	-0.009	27.976	-0.009	27.989	-0.009	31.145	0.065	31.161	0.059	31.176	0.046	31.191	0.034
28.007	-0.008	28.024	-0.008	28.037	-0.008	28.050	-0.001	31.207	0.028	31.221	0.028	31.238	0.022	31.251	0.023
28.064	0.019	28.079	0.059	28.093	0.112	28.106	0.139	31.265	0.030	31.277	0.037	31.293	0.037	31.310	0.051
28.123	0.172	28.143	0.172	28.155	0.179	28.168	0.172	31.323	0.065	31.338	0.066	31.354	0.073	31.373	0.073
28.181	0.172	28.195	0.152	28.207	0.152	28.224	0.153	31.388	0.094	31.404	0.101	31.416	0.108	31.433	0.108
28.239	0.186	28.253	0.200	28.271	0.213	28.284	0.181	31.446	0.082	31.461	0.082	31.471	0.076	31.485	0.063
28.299	0.174	28.313	0.168	28.327	0.168	28.345	0.182	31.497	0.037	31.512	0.017	31.527	0.017	31.545	0.018
28.364	0.196	28.380	0.197	28.396	0.178	28.414	0.146	31.558	0.018	31.569	0.018	31.583	0.031	31.594	0.025
28.432	0.133	28.448	0.127	28.465	0.115	28.478	0.089	31.606	0.052	31.621	0.038	31.636	0.025	31.653	0.026
28.492	0.063	28.505	0.050	28.523	0.044	28.536	0.037	31.671	0.026	31.686	0.019	31.702	0.012	31.715	-0.021
28.548	0.038	28.560	0.032	28.571	0.025	28.580	0.026	31.730	-0.034	31.752	-0.047	31.761	-0.041	31.775	-0.034
28.591	0.026	28.604	0.020	28.616	0.020	28.626	0.020	31.796	-0.008	31.807	0.006	31.822	0.026	31.841	0.033
28.635	0.007	28.649	-0.005	28.664	-0.005	28.673	-0.005	31.857	0.033	31.868	0.060	31.881	0.060	31.898	0.067
28.683	-0.005	28.697	-0.004	28.709	0.003	28.720	0.003	31.917	0.060	31.931	0.060	31.944	0.047	31.959	0.047
28.728	0.003	28.738	0.010	28.750	0.023	28.762	0.030	31.974	0.034	31.989	0.028	32.005	0.022	32.021	0.015
28.776	0.037	28.785	0.038	28.794	0.045	28.804	0.012	32.037	0.016	32.049	0.016	32.061	0.029	32.077	0.056
28.816	-0.001	28.829	-0.020	28.843	-0.019	28.856	-0.025	32.089	0.083	32.104	0.117	32.115	0.130	32.131	0.131
28.869	-0.025	28.883	-0.017	28.895	0.003	28.908	0.024	32.143	0.124	32.163	0.092	32.172	0.052	32.188	0.026
28.926	0.038	28.939	0.039	28.955	0.047	28.971	0.061	32.202	0.013	32.220	0.007	32.232	0.007	32.250	0.041
28.983	0.076	28.995	0.090	29.011	0.124	29.027	0.132	32.268	0.068	32.281	0.102	32.301	0.204	32.320	0.149
29.042	0.133	29.056	0.134	29.067	0.134	29.077	0.135	32.338	0.183	32.356	0.204	32.366	0.204	32.383	0.192
29.090	0.135	29.102	0.136	29.113	0.129	29.124	0.130	32.391	0.172	32.410	0.106	32.418	0.073	32.438	0.021
29.139	0.150	29.150	0.164	29.164	0.164	29.176	0.166	32.448	0.001	32.462	-0.005	32.474	-0.004	32.489	-0.017
29.231	0.166	29.245	0.153	29.256	0.139	29.269	0.120	32.501	-0.030	32.518	-0.056	32.532	-0.056	32.544	-0.029
29.284	0.093	29.300	0.093	29.318	0.074	29.333	0.061	32.559	-0.029	32.583	-0.002	32.588	0.032	32.612	0.092
29.347	0.049	29.357	0.049	29.367	0.049	29.380	0.063	32.624	0.132	32.639	0.139	32.654	0.201	32.673	0.173
29.390	0.077	29.403	0.077	29.414	0.078	29.425	0.078	32.682	0.194	32.697	0.194	32.716	0.201	32.734	0.208
29.437	0.092	29.450	0.092	29.463	0.093	29.475	0.093	32.742	0.208	32.752	0.208	32.766	0.208	32.777	0.168
29.487	0.094	29.498	0.094	29.512	0.095	29.525	0.096	32.789	0.129	32.804	0.102	32.818	0.096	32.839	0.096
29.535	0.123	29.546	0.090	29.561	0.077	29.572	0.078	32.865	0.090	32.872	0.057	32.892	-0.009	32.903	-0.042
29.583	0.065	29.597	0.066	29.610	0.060	29.627	0.034	32.917	-0.075	32.933	-0.102	32.937	-0.088	32.951	-0.022
29.642	0.068	29.662	0.082	29.678	0.076	29.694	0.030	32.968	0.019	32.984	0.046	33.003	0.072	33.021	0.126
29.708	0.084	29.725	0.064	29.745	0.065	29.764	0.066	33.033	0.186	33.049	0.199	33.052	0.173	33.079	0.134
29.782	0.066	29.797	0.067	29.810	0.074	29.825	0.075	33.089	0.154	33.097	0.154	33.114	0.161	33.129	0.155
29.843	0.069	29.857	0.062	29.874	0.057	29.892	0.037	33.145	0.129	33.160	0.096	33.178	0.063	33.195	0.004
29.907	0.051	29.930	0.033	29.947	0.007	29.964	0.008	33.212	-0.015	33.230	-0.028	33.245	-0.034	33.259	-0.040
30.041	-0.035	30.054	-0.034	30.065	-0.033	30.079	-0.032	33.278	0.001	33.300	0.035	33.316	0.036	33.332	0.030
30.094	-0.032	30.105	-0.024	30.117	-0.017	30.128	-0.016	33.350	0.044	33.367	0.058	33.385	0.052	33.411	0.073
30.139	-0.015	30.147	-0.015	30.159	-0.014	30.171	-0.020	33.429	0.054	33.447	0.048	33.463	0.022	33.482	0.009
30.182	-0.020	30.196	-0.019	30.209	-0.018	30.222	-0.018	33.497	0.050	33.520	0.097	33.538	0.104	33.549	0.078
30.233	-0.017	30.245	-0.017	30.259	-0.016	30.271	0.005	33.568	0.085	33.589	0.106	33.612	0.120	33.636	0.127
30.286	0.039	30.301	0.053	30.316	0.073	30.329	0.074	33.729	0.169	33.752	0.190	33.762	0.197	33.774	0.197
30.342	0.075	30.356	0.075	30.370	0.076	30.385	0.077	33.795	0.152	33.804	0.132	33.827	0.099	33.851	0.027
30.399	0.077	30.414	0.085	30.433	0.085	30.455	0.113	33.866	0.128	33.885	0.049	33.907	0.063	33.933	0.097
30.473	0.140	30.494	0.141	30.516	0.168	30.533	0.168	33.943	0.098	33.974	0.179	33.993	0.186	34.012	0.200
30.549	0.176	30.567	0.183	30.586	0.157	30.608	0.111	34.040	0.254	34.045	0.201	34.060	0.148	34.083	0.056
30.627	0.085	30.647	0.059	30.668	0.060	30.684	0.060	34.103	-0.003	34.122	-0.049	34.145	-0.069	34.157	-0.062
30.703	0.061	30.719	0.035	30.735	0.035	30.750	0.036	34.175	-0.048	34.192	-0.008	34.202	0.032	34.219	0.085
30.763	0.016	30.788	-0.003	30.807	-0.015	30.822	-0.021	34.241	0.119	34.256	0.119	34.273	0.106	34.288	0.087
30.838	-0.027	30.857	-0.033	30.871	-0.033	30.889	-0.039	34.310	0.061	34.330	0.061	34.351	0.042	34.372	0.030
		30.871	-0.033	30.871	-0.033	30.889	-0.039	34.389	0.017	34.403	0.011	34.424	0.012	34.447	0.012

34.457	0.013	34.473	0.020	34.488	0.034	34.506	0.055	41.364	0.092	41.394	0.105	41.436	0.131	41.462	0.111
34.531	0.049	34.551	0.017	34.573	-0.008	34.599	-0.037	41.502	0.071	41.533	0.057	41.567	0.056	41.613	0.062
34.615	-0.039	34.640	-0.044	34.653	-0.017	34.670	0.017	41.642	0.081	41.689	0.107	41.709	0.100	41.794	0.093
34.690	0.044	34.709	0.092	34.727	0.099	34.753	0.093	41.865	0.079	41.902	0.059	41.967	0.059	42.013	0.066
34.765	0.094	34.779	0.114	34.798	0.068	34.816	0.052	42.111	0.079	42.169	0.079	42.217	0.079	42.260	0.092
34.834	0.043	34.850	0.024	34.866	-0.036	34.883	-0.088	42.353	0.079	42.386	0.052	42.449	0.066	42.473	0.085
34.901	-0.107	34.916	-0.127	34.937	-0.106	34.951	-0.039	42.508	0.092	42.599	0.059	42.642	0.046	42.698	0.047
35.041	0.123	35.057	0.091	35.075	0.032	35.103	0.007	42.794	0.048	42.837	0.029	42.881	0.017	42.946	0.039
35.112	-0.006	35.133	-0.011	35.152	-0.010	35.169	-0.015	43.003	0.041	43.066	0.049	43.106	0.043	43.153	0.017
35.191	-0.020	35.215	-0.012	35.226	0.002	35.247	0.004	43.198	-0.002	43.236	0.006	43.266	0.032	43.300	0.052
35.274	0.026	35.293	0.027	35.319	0.029	35.339	0.017	43.328	0.052	43.370	0.026	43.395	0.026	43.410	0.013
35.363	0.097	35.380	0.046	35.402	0.058	35.428	0.071	43.424	-0.007	43.437	-0.007	43.471	-0.006	43.485	-0.005
35.454	0.018	35.467	0.117	35.492	0.132	35.510	0.106	43.518	-0.018	43.541	-0.004	43.565	-0.016	43.582	-0.008
35.530	0.114	35.551	0.102	35.573	0.084	35.598	0.079	43.600	-0.001	43.664	-0.004	43.684	-0.009	43.706	-0.001
35.621	0.094	35.635	0.075	35.656	0.030	35.677	0.024	43.709	-0.001	43.737	0.021	43.761	0.016	43.779	0.024
35.699	-0.015	35.729	0.012	35.736	0.026	35.765	0.053	43.816	0.026	43.851	0.035	43.866	0.023	43.888	0.011
35.781	0.080	35.801	0.100	35.823	0.121	35.842	0.115	43.910	-0.001	43.958	-0.031	43.985	-0.016	44.021	-0.007
35.860	0.122	35.876	0.129	35.894	0.116	35.911	0.070	44.052	0.015	44.106	0.044	44.130	0.059	44.167	0.074
35.928	0.037	35.943	-0.009	35.961	-0.015	35.976	-0.001	44.206	0.083	44.243	0.079	44.284	0.102	44.344	0.092
35.997	0.013	36.014	0.028	36.031	0.042	36.050	0.050	44.380	0.082	44.414	0.084	44.425	0.092	44.451	0.054
36.062	0.051	36.074	0.052	36.084	0.066	36.098	0.068	44.481	0.063	44.535	0.067	44.552	0.048	44.577	0.070
36.109	0.075	36.116	0.076	36.123	0.076	36.134	0.077	44.600	0.071	44.628	0.079	44.693	0.055	44.727	0.036
36.161	0.099	36.180	0.094	36.213	0.084	36.244	0.080	44.764	0.030	44.825	0.077	44.859	0.098	44.900	0.098
36.258	0.087	36.278	0.076	36.291	0.037	36.326	0.053	44.961	0.066	44.994	0.052	45.032	0.046	45.102	0.047
36.355	0.043	36.385	0.027	36.415	0.030	36.440	0.059	45.147	0.042	45.206	0.065	45.234	0.093	45.295	0.098
36.458	0.095	36.494	0.112	36.530	0.077	36.561	0.047	45.336	0.094	45.380	0.078	45.462	0.069	45.502	0.077
36.617	0.019	36.655	0.030	36.693	0.027	36.720	0.043	45.536	0.079	45.577	0.094	45.615	0.095	45.658	0.071
36.767	0.081	36.803	0.091	36.842	0.075	36.864	0.078	45.735	0.054	45.773	0.049	45.814	0.036	45.890	0.037
36.891	0.067	36.930	0.051	36.951	0.040	37.013	0.039	45.915	0.057	45.982	0.050	46.010	0.029	46.049	0.008
37.065	0.050	37.076	0.051	37.126	0.054	37.177	0.039	46.134	0.014	46.169	0.021	46.197	0.042	46.298	0.047
37.210	0.035	37.265	0.033	37.312	0.005	37.357	0.037	46.363	0.025	46.447	0.018	46.485	0.021	46.498	0.022
37.380	0.052	37.408	0.056	37.470	0.063	37.512	0.082	46.536	0.051	46.623	0.055	46.666	0.050	46.732	0.067
37.542	0.059	37.597	0.070	37.630	0.060	37.667	0.043	46.774	0.069	46.829	0.072	46.879	0.075	46.923	0.080
37.684	0.045	37.712	0.048	37.742	0.091	37.799	0.111	46.982	0.086	47.020	0.070	47.057	0.061	47.082	0.061
37.834	0.127	37.880	0.124	37.920	0.093	37.934	0.081	47.098	0.060	47.115	0.059	47.123	0.059	47.129	0.059
37.969	0.037	37.982	0.011	38.027	0.020	38.059	0.042	47.134	0.059						
38.102	0.046	38.125	0.054	38.167	0.065	38.188	0.073								
38.234	0.071	38.263	0.074	38.286	0.083	38.315	0.079								
38.361	0.057	38.403	0.047	38.450	0.050	38.511	0.061								
38.536	0.069	38.568	0.078	38.601	0.086	38.632	0.075								
38.655	0.063	38.693	0.058	38.731	0.047	38.770	0.023								
38.809	0.019	38.854	0.062	38.872	0.063	38.907	0.045								
38.950	0.053	38.972	0.061	39.025	0.057	39.098	0.034								
39.155	0.036	39.224	0.027	39.316	0.020	39.368	-0.011								
39.434	0.019	39.495	0.023	39.554	0.052	39.599	0.048								
39.646	-0.003	39.688	-0.008	39.770	0.014	39.826	0.035								
39.883	0.036	39.914	0.037	39.972	0.052	40.010	0.033								
40.044	0.021	40.097	0.031	40.122	0.040	40.178	0.070								
40.209	0.059	40.235	0.041	40.299	0.018	40.335	0.007								
40.373	0.015	40.453	0.011	40.505	0.006	40.536	0.012								
40.565	0.026	40.609	0.046	40.663	0.046	40.707	0.053								
40.756	0.041	40.798	0.042	40.858	0.038	40.895	0.052								
40.921	0.066	40.950	0.081	40.975	0.095	41.007	0.109								
41.070	0.111	41.102	0.078	41.123	0.065	41.158	0.052								
41.209	0.046	41.237	0.039	41.276	0.046	41.337	0.066								

IR251

71.198 2/9/71 0600PST L.A. 234 FIGUEROA ST. BASEMENT UP

3130 POINTS 47.100 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1020 G/10.

[illegible]

2.843	-0.076	2.851	-0.102	2.865	-0.059	2.881	0.023	4.970	0.093	4.981	0.063	4.991	-0.020	4.996	-0.081
2.886	0.053	2.896	0.087	2.914	0.009	2.930	-0.005	5.000	-0.120	5.007	-0.155	5.013	-0.129	5.023	-0.024
2.946	-0.110	2.965	-0.085	2.974	-0.111	2.990	-0.168	5.032	-0.006	5.042	-0.020	5.049	-0.072	5.058	-0.102
3.002	-0.194	3.016	-0.203	3.026	-0.260	3.037	-0.287	5.065	-0.089	5.073	-0.042	5.084	-0.007	5.098	-0.090
3.045	-0.265	3.051	-0.222	3.064	-0.192	3.072	-0.231	5.104	-0.124	5.113	-0.103	5.124	-0.025	5.132	-0.007
3.076	-0.261	3.082	-0.301	3.087	-0.266	3.095	-0.192	5.149	-0.051	5.157	-0.073	5.163	-0.051	5.179	-0.023
3.100	-0.105	3.105	-0.003	3.110	0.029	3.114	0.064	5.187	-0.066	5.194	-0.018	5.208	-0.043	5.216	-0.073
3.122	-0.033	3.131	-0.041	3.138	-0.041	3.148	-0.066	5.225	-0.095	5.232	-0.048	5.243	-0.056	5.248	-0.122
3.159	-0.076	3.171	-0.137	3.183	-0.103	3.192	-0.081	5.259	-0.169	5.269	0.130	5.280	0.086	5.289	0.099
3.210	-0.090	3.220	-0.016	3.226	0.071	3.234	0.110	5.299	0.120	5.313	-0.019	5.326	-0.115	5.343	-0.107
3.247	0.153	3.257	0.122	3.263	0.087	3.274	0.058	5.357	-0.159	5.365	-0.129	5.377	-0.016	5.383	-0.023
3.284	0.082	3.292	0.160	3.299	0.199	3.306	0.142	5.392	0.044	5.403	0.018	5.419	-0.096	5.442	-0.201
3.318	-0.062	3.322	-0.154	3.336	-0.211	3.344	-0.246	5.454	-0.314	5.461	-0.401	5.470	-0.462	5.481	-0.501
3.355	-0.263	3.363	-0.238	3.372	-0.190	3.382	-0.160	5.495	-0.484	5.506	-0.380	5.517	-0.219	5.526	-0.141
3.395	-0.130	3.402	-0.087	3.409	-0.057	3.418	-0.022	5.538	-0.076	5.545	0.024	5.553	0.142	5.555	0.185
3.424	-0.066	3.434	-0.136	3.446	-0.206	3.457	-0.193	5.563	0.224	5.568	0.185	5.575	0.154	5.580	0.128
3.468	-0.193	3.478	-0.272	3.481	-0.329	3.490	-0.372	5.585	0.154	5.593	0.220	5.599	0.202	5.605	0.202
3.498	-0.307	3.503	-0.212	3.516	0.057	3.520	0.110	5.617	0.128	5.623	0.106	5.632	0.119	5.639	0.154
3.529	-0.140	3.535	-0.096	3.545	0.031	3.550	-0.004	5.647	0.176	5.655	0.124	5.664	0.015	5.675	-0.085
3.560	-0.048	3.566	-0.018	3.577	0.117	3.583	0.186	5.686	-0.163	5.696	-0.207	5.702	-0.233	5.709	-0.202
3.586	0.221	3.593	0.273	3.599	0.255	3.607	0.186	5.716	-0.129	5.725	-0.072	5.731	-0.102	5.740	-0.202
3.617	0.142	3.629	0.138	3.640	0.129	3.651	0.129	5.749	-0.250	5.754	-0.229	5.765	-0.159	5.775	-0.124
3.663	0.185	3.672	0.246	3.676	0.276	3.686	0.302	5.788	-0.142	5.801	-0.215	5.806	-0.233	5.815	-0.211
3.696	0.272	3.706	0.215	3.717	0.167	3.728	0.089	5.825	-0.081	5.832	-0.020	5.841	-0.011	5.850	-0.015
3.736	0.032	3.749	-0.016	3.757	0.002	3.768	0.023	5.866	-0.181	5.872	-0.233	5.880	-0.272	5.886	-0.246
3.769	0.058	3.775	0.075	3.783	0.054	3.789	-0.020	5.896	-0.142	5.905	-0.063	5.909	-0.028	5.918	-0.011
3.794	-0.099	3.803	-0.164	3.813	-0.142	3.820	-0.169	5.924	-0.050	5.936	-0.151	5.944	-0.207	5.958	-0.238
3.831	-0.199	3.842	-0.104	3.852	-0.086	3.857	-0.017	5.967	-0.208	5.980	-0.186	5.988	-0.226	6.003	-0.365
3.869	0.031	3.877	-0.064	3.888	-0.044	3.897	-0.009	6.010	-0.435	6.017	-0.391	6.029	-0.335	6.049	-0.318
3.904	0.052	3.911	0.078	3.918	0.051	3.924	-0.001	6.039	-0.197	6.044	-0.115	6.076	-0.067	6.085	0.002
3.936	-0.092	3.953	-0.162	3.971	-0.158	3.981	-0.198	6.095	0.110	6.107	0.210	6.120	0.196	6.138	0.174
3.994	-0.238	4.006	-0.217	4.020	-0.178	4.029	-0.218	6.148	0.091	6.155	0.008	6.168	-0.049	6.179	-0.010
4.039	-0.248	4.051	-0.210	4.065	-0.097	4.076	0.041	6.190	0.068	6.203	0.120	6.214	0.129	6.230	0.068
4.081	-0.084	4.090	0.128	4.100	0.097	4.109	-0.004	6.240	0.081	6.252	0.089	6.270	0.032	6.290	0.154
4.117	-0.074	4.127	-0.109	4.134	-0.062	4.147	0.094	6.296	0.063	6.301	-0.024	6.312	-0.059	6.322	-0.172
4.161	0.215	4.173	0.245	4.182	0.197	4.196	0.014	6.333	-0.133	6.350	-0.124	6.359	-0.068	6.363	-0.041
4.201	-0.073	4.210	-0.121	4.216	-0.091	4.225	-0.043	6.374	0.006	6.377	-0.094	6.388	-0.081	6.400	-0.081
4.238	-0.013	4.248	-0.013	4.255	-0.070	4.265	-0.213	6.413	-0.094	6.426	-0.159	6.435	-0.120	6.447	-0.115
4.270	-0.300	4.277	-0.335	4.282	-0.309	4.292	-0.170	6.461	-0.094	6.473	-0.007	6.478	0.045	6.485	-0.011
4.304	-0.009	4.309	0.065	4.321	0.104	4.335	0.082	6.494	-0.042	6.501	-0.142	6.509	-0.224	6.520	-0.294
4.349	0.029	4.358	0.047	4.371	0.081	4.381	0.029	6.525	-0.346	6.531	-0.376	6.539	-0.398	6.546	-0.376
4.393	-0.075	4.398	-0.102	4.406	-0.132	4.413	-0.106	6.565	-0.294	6.575	-0.276	6.580	-0.224	6.585	-0.155
4.425	-0.063	4.436	-0.028	4.450	-0.041	4.464	-0.084	6.590	-0.085	6.596	-0.059	6.605	-0.024	6.614	-0.068
4.476	-0.068	4.495	-0.033	4.507	-0.081	4.518	-0.151	6.625	-0.146	6.634	-0.150	6.650	-0.177	6.659	-0.185
4.527	-0.116	4.540	-0.086	4.551	-0.069	4.562	0.009	6.666	-0.259	6.681	-0.142	6.685	-0.103	6.691	-0.012
4.570	0.065	4.577	0.100	4.587	0.078	4.597	0.016	6.702	0.027	6.715	0.075	6.723	0.158	6.734	0.257
4.602	-0.023	4.608	-0.106	4.619	-0.115	4.629	-0.146	6.744	0.214	6.757	0.200	6.767	0.213	6.779	0.226
4.637	-0.216	4.645	-0.299	4.650	-0.356	4.655	-0.382	6.792	0.176	6.809	0.129	6.821	0.042	6.832	-0.071
4.664	-0.361	4.674	-0.296	4.687	-0.244	4.697	-0.231	6.843	-0.182	6.857	-0.207	6.866	-0.281	6.875	-0.307
4.710	-0.149	4.721	-0.149	4.731	-0.093	4.739	0.038	6.887	-0.290	6.902	-0.238	6.925	-0.256	6.936	-0.200
4.744	0.103	4.751	0.155	4.763	0.163	4.769	0.167	6.956	-0.222	6.972	-0.297	6.997	-0.275	7.006	-0.210
4.782	0.211	4.789	0.185	4.799	0.089	4.808	0.041	7.013	-0.119	7.020	-0.089	7.035	-0.058	7.054	-0.093
4.817	0.076	4.826	0.150	4.829	0.176	4.837	0.202	7.063	-0.045	7.069	-0.028	7.076	-0.002	7.082	-0.050
4.842	0.180	4.857	-0.068	4.859	-0.102	4.867	-0.142	7.100	-0.198	7.112	-0.202	7.138	-0.177	7.156	-0.117
4.874	-0.107	4.886	0.006	4.899	0.032	4.909	0.080	7.173	-0.161	7.185	-0.192	7.204	-0.183	7.221	-0.228
4.917	-0.111	4.929	0.167	4.945	0.141	4.955	0.102	7.236	-0.280	7.252	-0.342	7.268	-0.382	7.277	-0.335

7.288	-0.236	7.303	-0.215	7.308	-0.259	7.320	-0.395	10.344	-0.142	10.354	-0.168	10.365	-0.202	10.376	-0.155
7.330	-0.422	7.336	-0.383	7.355	-0.115	7.360	-0.077	10.389	-0.081	10.396	-0.050	10.406	-0.007	10.415	-0.066
7.366	-0.082	7.376	-0.082	7.388	-0.109	7.407	-0.132	10.426	-0.163	10.437	-0.246	10.449	-0.268	10.461	-0.268
7.417	-0.237	7.431	-0.360	7.441	-0.434	7.451	-0.391	10.480	-0.346	10.487	-0.394	10.496	-0.438	10.501	-0.390
7.466	-0.240	7.477	-0.140	7.488	-0.089	7.505	-0.120	10.514	-0.342	10.530	-0.364	10.542	-0.316	10.557	-0.277
7.519	-0.069	7.534	-0.043	7.542	-0.031	7.551	-0.056	10.568	-0.277	10.580	-0.269	10.590	-0.208	10.602	-0.143
7.566	-0.140	7.577	-0.096	7.593	0.035	7.600	0.018	10.610	-0.152	10.624	-0.153	10.632	-0.114	10.636	-0.053
7.610	-0.026	7.620	0.004	7.638	0.043	7.648	0.026	10.643	-0.005	10.650	0.034	10.660	0.064	10.672	0.098
7.666	-0.035	7.681	0.004	7.691	0.069	7.698	0.108	10.691	0.124	10.700	0.093	10.708	0.058	10.720	0.041
7.709	0.138	7.717	0.103	7.725	0.056	7.738	-0.005	10.729	0.062	10.738	0.088	10.749	0.122	10.761	0.139
7.749	0.021	7.764	0.060	7.787	0.029	7.805	0.012	10.770	0.113	10.783	0.069	10.796	0.082	10.809	0.068
7.814	-0.058	7.820	-0.110	7.832	-0.154	7.845	-0.123	10.824	-0.006	10.838	-0.062	10.847	-0.132	10.859	-0.189
7.852	-0.093	7.859	-0.071	7.870	-0.088	7.883	-0.149	10.870	-0.211	10.884	-0.237	10.896	-0.237	10.909	-0.237
7.900	-0.197	7.914	-0.157	7.930	-0.105	7.942	-0.144	10.932	-0.281	10.943	-0.250	10.960	-0.215	10.971	-0.233
7.955	-0.183	7.966	-0.148	7.978	-0.074	7.991	-0.021	10.978	-0.250	10.988	-0.268	10.998	-0.220	11.014	-0.081
8.015	-0.029	8.027	0.040	8.036	0.110	8.047	0.145	11.023	0.011	11.031	0.085	11.036	0.119	11.047	0.167
8.064	0.193	8.075	0.145	8.082	0.058	8.097	0.123	11.059	0.141	11.070	0.106	11.079	0.089	11.090	0.124
8.111	0.154	8.120	0.119	8.134	0.002	8.152	-0.142	11.098	0.158	11.110	0.193	11.117	0.150	11.135	0.080
8.165	-0.255	8.185	-0.268	8.199	-0.342	8.210	-0.407	11.149	0.058	11.168	0.006	11.181	-0.033	11.200	-0.129
8.219	-0.429	8.237	-0.459	8.246	-0.429	8.259	-0.350	11.205	-0.172	11.215	-0.194	11.224	-0.172	11.231	-0.120
8.267	-0.259	8.281	-0.124	8.293	-0.059	8.316	-0.085	11.248	-0.072	11.260	-0.085	11.270	-0.098	11.285	-0.050
8.328	-0.024	8.341	0.024	8.358	0.080	8.382	0.028	11.299	-0.002	11.313	-0.033	11.328	-0.050	11.347	-0.063
8.389	0.119	8.405	0.289	8.420	0.319	8.440	0.372	11.365	-0.089	11.383	-0.072	11.404	-0.037	11.422	-0.020
8.460	0.372	8.471	0.459	8.481	0.567	8.492	0.619	11.438	-0.020	11.454	-0.011	11.475	0.006	11.488	0.006
8.505	0.624	8.521	0.585	8.535	0.432	8.545	0.398	11.506	0.006	11.519	0.006	11.540	-0.011	11.551	-0.007
8.555	0.415	8.570	0.446	8.585	0.415	8.601	0.390	11.558	-0.046	11.569	0.076	11.577	0.041	11.589	0.007
8.611	0.345	8.623	0.250	8.642	0.032	8.663	0.011	11.596	-0.032	11.614	0.011	11.629	0.015	11.640	0.085
8.679	-0.081	8.691	-0.194	8.701	-0.272	8.706	-0.307	11.649	0.137	11.657	0.163	11.664	-0.037	11.676	-0.050
8.715	-0.355	8.725	-0.324	8.745	-0.203	8.762	-0.185	11.690	-0.042	11.704	-0.081	11.715	-0.055	11.734	-0.028
8.774	-0.116	8.791	-0.047	8.804	0.066	8.815	0.166	*11.744	-0.042	11.756	-0.063	11.766	-0.063	11.772	-0.063
8.823	0.253	8.837	0.301	8.844	0.275	8.859	0.156	11.778	-0.063	11.793	-0.063	11.793	-0.094	11.799	-0.098
8.870	0.061	8.884	0.009	8.894	0.048	8.906	0.156	11.807	-0.111	11.816	-0.124	11.828	-0.146	11.841	-0.129
8.915	0.239	8.928	0.308	8.935	0.251	8.947	0.173	11.852	-0.072	11.865	-0.055	11.873	-0.050	11.882	-0.055
8.962	0.125	8.975	0.059	8.993	-0.006	9.004	-0.076	11.892	-0.076	11.902	-0.102	11.912	-0.133	11.920	-0.129
9.012	-0.171	9.024	-0.176	9.039	-0.180	9.055	-0.193	11.928	-0.081	11.939	-0.046	11.947	-0.033	11.960	-0.050
9.073	-0.228	9.092	-0.259	9.105	-0.311	9.116	-0.337	11.969	-0.076	11.979	-0.076	11.989	-0.071	11.999	-0.050
9.130	-0.376	9.143	-0.346	9.158	-0.289	9.169	-0.242	12.009	-0.045	12.020	-0.045	12.032	-0.045	12.044	-0.044
9.175	-0.215	9.190	-0.155	9.199	-0.207	9.212	-0.246	12.056	-0.062	12.066	-0.062	12.076	-0.057	12.088	-0.044
9.225	-0.285	9.233	-0.333	9.245	-0.372	9.252	-0.333	12.100	-0.031	12.112	-0.057	12.122	-0.048	12.132	-0.065
9.266	-0.263	9.278	-0.242	9.290	-0.168	9.302	-0.081	12.147	-0.056	12.164	-0.073	12.179	-0.060	12.193	-0.103
9.315	0.019	9.326	0.076	9.342	0.111	9.358	0.163	12.201	-0.155	12.211	-0.177	12.226	-0.164	12.242	-0.185
9.369	0.124	9.387	0.098	9.405	0.128	9.420	0.172	12.256	-0.172	12.271	-0.146	12.284	-0.142	12.301	-0.098
9.431	0.254	9.446	0.280	9.461	0.263	9.472	0.180	12.316	-0.093	12.326	-0.101	12.337	-0.092	12.344	-0.062
9.488	0.076	9.509	-0.050	9.527	-0.085	9.548	-0.137	12.357	-0.093	12.369	0.056	12.381	0.105	12.395	0.153
9.575	-0.189	9.600	-0.163	9.625	-0.202	9.645	-0.168	12.403	0.157	12.414	0.132	12.425	0.132	12.437	0.172
9.659	-0.211	9.679	-0.115	9.688	-0.085	9.709	-0.142	12.451	0.203	12.463	0.234	12.473	0.196	12.483	0.170
9.723	-0.115	9.740	-0.163	9.761	-0.172	9.771	-0.246	12.493	0.145	12.504	0.115	12.514	0.120	12.525	0.094
9.783	-0.311	9.797	-0.294	9.814	-0.294	9.832	-0.246	12.536	0.046	12.549	-0.001	12.563	-0.071	12.576	-0.079
9.855	-0.224	9.870	-0.137	9.875	-0.102	9.891	-0.046	12.587	-0.073	12.600	-0.066	12.614	-0.053	12.623	-0.048
9.904	-0.076	9.921	-0.115	9.944	-0.050	9.972	-0.076	12.635	-0.013	12.643	-0.004	12.655	-0.009	12.666	-0.023
10.003	0.011	10.023	0.002	10.040	0.006	10.059	-0.007	12.676	-0.005	12.688	-0.006	12.702	0.011	12.711	0.015
10.075	-0.107	10.085	-0.176	10.098	-0.137	10.110	-0.076	12.723	-0.020	12.736	-0.046	12.749	-0.043	12.763	-0.047
10.121	-0.120	10.138	-0.176	10.145	-0.198	10.164	-0.159	12.776	-0.070	12.789	-0.078	12.801	-0.074	12.810	-0.057
10.187	-0.111	10.207	-0.081	10.221	-0.129	10.243	-0.224	12.821	-0.031	12.837	-0.083	12.851	-0.078	12.861	-0.078
10.256	-0.181	10.275	-0.142	10.285	-0.181	10.298	-0.220	12.878	-0.065	12.890	-0.048	12.904	-0.091	12.915	-0.135
10.304	-0.246	10.313	-0.272	10.324	-0.233	10.331	-0.189	12.927	-0.148	12.940	-0.178	12.954	-0.230	12.969	-0.186

12.985	-0.134	12.995	-0.081	13.006	-0.042	13.018	-0.042	16.080	-0.176	16.097	-0.172	16.113	-0.142	16.123	-0.159
13.031	-0.076	13.044	-0.071	13.056	-0.080	13.069	-0.097	16.137	-0.172	16.147	-0.163	16.162	-0.172	16.175	-0.185
13.080	-0.075	13.096	-0.084	13.112	-0.097	13.126	-0.082	16.187	-0.206	16.199	-0.211	16.212	-0.189	16.220	-0.145
13.146	-0.018	13.158	-0.030	13.172	-0.021	13.183	-0.014	16.230	-0.110	16.245	-0.084	16.255	-0.075	16.271	-0.040
13.192	-0.035	13.202	-0.044	13.216	-0.031	13.231	-0.044	16.280	-0.006	16.289	-0.012	16.299	-0.005	16.311	-0.027
13.240	-0.057	13.251	-0.056	13.263	-0.026	13.273	-0.022	16.327	-0.057	16.339	-0.074	16.356	-0.065	16.366	-0.001
13.286	-0.057	13.301	-0.066	13.317	-0.057	13.335	-0.066	16.376	-0.040	16.391	-0.080	16.402	-0.084	16.417	-0.098
13.350	-0.053	13.368	-0.018	13.384	-0.012	13.401	-0.029	16.437	-0.107	16.451	-0.120	16.467	-0.138	16.478	-0.151
13.416	-0.051	13.430	-0.077	13.442	-0.129	13.457	-0.133	16.491	-0.143	16.503	-0.091	16.517	-0.078	16.531	-0.079
13.470	-0.133	13.483	-0.116	13.495	-0.072	13.506	-0.029	16.546	-0.105	16.557	-0.145	16.571	-0.136	16.581	-0.084
13.519	-0.006	13.534	-0.045	13.548	-0.085	13.562	-0.115	16.596	-0.003	16.608	-0.045	16.621	-0.019	16.637	-0.029
13.573	-0.132	13.590	-0.132	13.596	-0.111	13.610	-0.024	16.646	-0.003	16.659	-0.015	16.678	-0.024	16.683	-0.050
13.622	-0.020	13.634	-0.063	13.645	-0.094	13.659	-0.107	16.692	-0.063	16.707	-0.076	16.720	-0.063	16.731	-0.033
13.673	-0.120	13.684	-0.133	13.697	-0.129	13.709	-0.107	16.746	-0.002	16.759	-0.028	16.771	-0.032	16.780	-0.024
13.723	-0.089	13.738	-0.102	13.748	-0.068	13.765	-0.068	16.797	-0.002	16.808	-0.015	16.820	-0.019	16.837	-0.015
13.772	-0.089	13.783	-0.133	13.794	-0.137	13.807	-0.098	16.850	-0.015	16.862	-0.041	16.872	-0.063	16.882	-0.080
13.820	-0.107	13.834	-0.111	13.845	-0.124	13.858	-0.159	16.893	-0.067	16.907	-0.071	16.919	-0.075	16.929	-0.080
13.872	-0.129	13.882	-0.129	13.893	-0.107	13.907	-0.115	16.944	-0.079	16.957	-0.079	16.970	-0.084	16.982	-0.083
13.920	-0.129	13.928	-0.155	13.940	-0.168	13.955	-0.159	16.994	-0.083	17.008	-0.083	17.018	-0.091	17.030	-0.108
13.970	-0.155	13.983	-0.124	13.997	-0.107	14.006	-0.115	17.044	-0.134	17.060	-0.143	17.080	-0.130	17.082	-0.117
14.022	-0.115	14.034	-0.102	14.045	-0.097	14.059	-0.101	17.093	-0.082	17.115	-0.025	17.121	-0.038	17.135	-0.055
14.071	-0.110	14.084	-0.123	14.093	-0.153	14.105	-0.135	17.151	-0.064	17.162	-0.068	17.174	-0.050	17.188	-0.037
14.117	-0.135	14.128	-0.170	14.138	-0.170	14.149	-0.144	17.203	-0.046	17.220	-0.046	17.233	-0.046	17.252	-0.028
14.163	-0.130	14.180	-0.108	14.192	-0.095	14.207	-0.085	17.263	-0.002	17.281	-0.015	17.290	-0.028	17.304	-0.058
14.225	-0.085	14.235	-0.115	14.248	-0.124	14.262	-0.119	17.318	-0.071	17.336	-0.084	17.344	-0.097	17.361	-0.097
14.276	-0.118	14.290	-0.118	14.300	-0.100	14.318	-0.109	17.377	-0.096	17.391	-0.096	17.400	-0.070	17.412	-0.048
14.335	-0.104	14.350	-0.104	14.361	-0.074	14.371	-0.034	17.422	-0.061	17.440	-0.074	17.449	-0.091	17.462	-0.095
14.379	-0.009	14.390	-0.036	14.402	-0.018	14.414	-0.025	17.477	-0.095	17.490	-0.095	17.504	-0.090	17.517	-0.090
14.428	-0.038	14.443	-0.051	14.454	-0.072	14.469	-0.068	17.532	-0.086	17.547	-0.086	17.562	-0.086	17.576	-0.081
14.496	-0.042	14.508	-0.063	14.524	-0.050	14.550	-0.050	17.587	-0.033	17.598	-0.020	17.610	-0.016	17.625	-0.002
14.563	-0.046	14.583	-0.046	14.602	-0.046	14.617	-0.046	17.643	-0.020	17.653	-0.020	17.664	-0.020	17.676	-0.007
14.636	-0.042	14.650	-0.042	14.661	-0.085	14.675	-0.111	17.686	-0.003	17.699	-0.003	17.718	-0.001	17.735	-0.005
14.688	-0.111	14.703	-0.111	14.722	-0.098	14.739	-0.102	17.748	-0.001	17.764	-0.004	17.776	-0.012	17.793	-0.008
14.747	-0.159	14.763	-0.202	14.773	-0.198	14.787	-0.194	17.806	-0.009	17.819	-0.018	17.830	-0.022	17.848	-0.022
14.801	-0.189	14.816	-0.172	14.840	-0.163	14.858	-0.115	17.856	-0.017	17.868	-0.031	17.885	-0.070	17.897	-0.066
14.867	-0.098	14.881	-0.098	14.900	-0.089	14.913	-0.115	17.912	-0.092	17.928	-0.118	17.944	-0.127	17.959	-0.097
14.927	-0.102	14.948	-0.115	14.960	-0.115	14.974	-0.115	17.973	-0.062	17.987	-0.037	18.001	-0.032	18.016	-0.050
15.037	-0.020	15.053	-0.042	15.068	-0.028	15.084	-0.037	18.026	-0.050	18.045	-0.089	18.059	-0.089	18.074	-0.085
15.095	-0.041	15.108	-0.041	15.121	-0.028	15.132	-0.007	18.090	-0.085	18.110	-0.111	18.117	-0.115	18.134	-0.115
15.151	-0.002	15.167	-0.006	15.182	-0.006	15.196	-0.024	18.147	-0.058	18.161	-0.050	18.175	-0.037	18.193	-0.038
15.205	-0.032	15.220	-0.015	15.234	-0.024	15.250	-0.063	18.207	-0.034	18.219	-0.038	18.235	-0.021	18.252	-0.026
15.266	-0.098	15.280	-0.115	15.295	-0.089	15.306	-0.106	18.269	-0.000	18.284	-0.017	18.297	-0.034	18.316	-0.029
15.323	-0.115	15.338	-0.119	15.352	-0.128	15.370	-0.141	18.324	-0.020	18.333	-0.015	18.348	-0.019	18.358	-0.023
15.383	-0.158	15.396	-0.163	15.408	-0.128	15.422	-0.089	18.376	-0.049	18.390	-0.057	18.402	-0.057	18.417	-0.061
15.442	-0.085	15.460	-0.072	15.474	-0.098	15.489	-0.106	18.431	-0.073	18.440	-0.095	18.453	-0.108	18.465	-0.107
15.507	-0.119	15.525	-0.119	15.538	-0.154	15.553	-0.193	18.476	-0.107	18.492	-0.107	18.504	-0.107	18.521	-0.089
15.567	-0.189	15.579	-0.154	15.592	-0.137	15.609	-0.111	18.534	-0.089	18.547	-0.089	18.558	-0.089	18.572	-0.075
15.624	-0.063	15.640	-0.037	15.656	-0.015	15.674	-0.050	18.583	-0.049	18.596	-0.027	18.606	-0.062	18.621	-0.057
15.693	-0.059	15.702	-0.055	15.715	-0.046	15.726	-0.042	18.636	-0.083	18.652	-0.083	18.667	-0.082	18.681	-0.086
15.739	-0.042	15.752	-0.033	15.767	-0.011	15.780	-0.002	18.700	-0.086	18.723	-0.094	18.749	-0.089	18.773	-0.076
15.790	-0.007	15.808	-0.020	15.822	-0.015	15.836	-0.011	18.792	-0.075	18.813	-0.074	18.834	-0.074	18.853	-0.064
15.849	-0.042	15.863	-0.046	15.877	-0.046	15.897	-0.059	18.870	-0.064	18.890	-0.071	18.910	-0.023	18.922	-0.005
15.912	-0.055	15.929	-0.102	15.940	-0.089	15.955	-0.072	18.935	-0.005	18.952	-0.035	18.969	-0.031	18.980	-0.027
15.977	-0.089	15.984	-0.102	15.999	-0.124	16.014	-0.142	19.005	-0.023	19.005	-0.023	19.017	-0.006	19.030	-0.028
16.027	-0.124	16.040	-0.111	16.054	-0.163	16.072	-0.185	19.043	-0.011	19.055	-0.010	19.064	-0.028	19.077	-0.066
								19.091	-0.049	19.101	-0.053	19.109	-0.053	19.121	-0.048

19.132	-0.039	19.144	-0.039	19.157	-0.022	19.169	-0.021	22.397	-0.015	22.411	-0.027	22.425	-0.005	22.440	0.021
19.182	-0.008	19.192	-0.004	19.203	-0.016	19.222	-0.029	22.456	0.035	22.474	0.062	22.496	0.084	22.510	0.085
19.234	0.010	19.245	0.041	19.261	0.075	19.270	0.041	22.553	0.085	22.553	0.086	22.575	0.074	22.589	0.079
19.284	0.045	19.297	0.006	19.311	-0.002	19.322	0.024	22.602	0.084	22.617	0.093	22.632	0.111	22.646	0.120
19.337	0.072	19.342	0.076	19.355	0.059	19.367	0.077	22.665	0.130	22.687	0.173	22.706	0.128	22.723	0.124
19.383	0.064	19.397	0.081	19.409	0.060	19.426	0.051	22.733	0.107	22.752	0.073	22.768	0.070	22.783	0.071
19.441	0.065	19.461	0.061	19.476	0.052	19.491	0.035	22.803	0.076	22.816	0.076	22.830	0.068	22.844	0.069
19.506	0.027	19.519	0.023	19.530	0.023	19.548	0.037	22.857	0.078	22.874	0.097	22.889	0.097	22.904	0.098
19.564	0.037	19.579	0.037	19.593	0.038	19.607	0.034	22.918	0.086	22.936	0.078	22.960	0.049	22.977	0.032
19.623	0.056	19.631	0.086	19.644	0.087	19.658	0.087	23.004	0.042	23.005	0.055	23.022	0.055	23.041	0.043
19.676	0.079	19.691	0.049	19.709	0.054	19.720	0.067	23.061	0.026	23.076	0.027	23.088	0.027	23.110	0.050
19.730	0.068	19.748	0.055	19.761	0.055	19.779	0.043	23.126	0.037	23.143	0.030	23.162	0.026	23.179	0.027
19.795	0.026	19.808	0.018	19.828	0.022	19.844	0.031	23.196	0.023	23.208	-0.002	23.223	-0.022	23.240	-0.021
19.867	0.045	19.875	0.054	19.892	0.054	19.910	0.033	23.256	-0.024	23.270	-0.023	23.286	-0.030	23.306	-0.038
19.923	0.007	19.936	-0.015	19.950	-0.045	19.963	-0.053	23.322	-0.037	23.339	-0.036	23.358	-0.034	23.374	-0.033
19.977	-0.053	19.991	-0.061	20.005	-0.100	20.018	-0.113	23.388	-0.020	23.403	-0.019	23.422	-0.005	23.438	0.013
20.032	-0.112	20.045	-0.103	20.061	-0.081	20.077	-0.059	23.454	0.031	23.469	0.044	23.482	0.045	23.499	0.063
20.090	-0.054	20.105	-0.036	20.118	-0.018	20.132	-0.005	23.511	0.085	23.527	0.077	23.543	0.052	23.556	0.009
20.145	0.017	20.156	0.044	20.166	0.066	20.182	0.084	23.573	-0.016	23.583	-0.025	23.597	-0.041	23.613	-0.058
20.195	0.089	20.213	0.076	20.227	0.068	20.239	0.060	23.628	-0.057	23.648	-0.056	23.668	-0.055	23.688	-0.045
20.254	0.034	20.263	0.030	20.277	0.039	20.295	0.040	23.701	-0.036	23.724	-0.018	23.740	-0.008	23.750	0.001
20.311	0.058	20.326	0.071	20.341	0.067	20.359	0.055	23.770	0.028	23.785	0.007	23.804	-0.005	23.822	0.013
20.374	0.043	20.386	0.026	20.400	-0.000	20.410	-0.022	23.846	0.031	23.874	0.049	23.901	0.037	23.916	0.025
20.422	-0.060	20.437	-0.086	20.448	-0.086	20.461	-0.098	23.923	0.025	23.942	0.021	23.962	0.012	23.985	0.004
20.476	-0.098	20.489	-0.097	20.504	-0.110	20.515	-0.084	23.974	0.013	23.989	0.018	23.993	0.026	24.006	0.031
20.527	-0.049	20.558	-0.048	20.561	-0.048	20.568	-0.052	24.026	0.049	24.041	0.049	24.058	0.045	24.070	0.028
20.594	-0.059	20.594	-0.034	20.607	-0.072	20.622	-0.072	24.082	0.020	24.107	-0.010	24.125	-0.032	24.144	-0.032
20.642	-0.059	20.656	-0.072	20.667	-0.072	20.682	-0.075	24.134	-0.036	24.150	-0.035	24.155	-0.026	24.174	-0.008
20.695	-0.072	20.708	-0.076	20.722	-0.089	20.739	-0.075	24.181	0.001	24.190	0.014	24.199	0.023	24.208	0.032
20.757	-0.062	20.776	-0.053	20.791	-0.066	20.808	-0.057	24.216	0.041	24.224	0.041	24.230	0.041	24.244	0.037
20.829	-0.035	20.848	-0.026	20.868	-0.012	20.886	0.019	24.256	0.038	24.262	0.034	24.270	0.034	24.280	0.022
20.899	0.032	20.915	0.045	20.930	0.046	20.944	0.046	24.290	0.031	24.302	0.032	24.309	0.036	24.320	0.037
20.956	0.073	20.972	0.086	20.987	0.073	21.001	0.069	24.337	0.042	24.352	0.043	24.371	0.044	24.388	0.045
21.016	0.057	21.027	0.061	21.038	0.075	21.048	0.088	24.402	0.046	24.410	0.046	24.418	0.046	24.430	0.038
21.064	0.102	21.080	0.098	21.094	0.085	21.105	0.090	24.441	0.026	24.453	0.018	24.462	0.010	24.480	0.010
21.123	0.086	21.133	0.061	21.146	0.052	21.163	0.044	24.489	0.019	24.496	0.024	24.504	0.037	24.513	0.046
21.183	0.036	21.198	0.041	21.210	0.020	21.225	0.012	24.520	0.038	24.536	0.034	24.543	0.026	24.557	0.026
21.237	0.003	21.253	0.004	21.268	0.004	21.283	0.001	24.574	0.031	24.581	0.031	24.582	0.031	24.605	0.027
21.298	-0.008	21.319	-0.007	21.338	0.002	21.352	0.007	24.612	0.019	24.622	0.006	24.637	0.006	24.649	0.006
21.368	-0.014	21.378	-0.027	21.393	-0.044	21.405	-0.044	24.658	0.006	24.669	0.010	24.681	0.011	24.694	0.002
21.421	-0.065	21.434	-0.078	21.447	-0.073	21.460	-0.056	24.708	-0.002	24.719	0.003	24.731	0.003	24.744	-0.001
21.472	-0.043	21.488	-0.021	21.504	0.001	21.519	0.015	24.751	-0.001	24.759	-0.001	24.762	-0.005	24.770	-0.010
21.535	0.028	21.550	0.032	21.566	0.024	21.580	0.020	24.786	-0.009	24.795	-0.005	24.803	-0.000	24.813	0.004
21.596	0.011	21.613	0.003	21.629	-0.001	21.648	-0.005	24.823	0.014	24.835	0.019	24.846	0.019	24.855	0.033
21.670	-0.009	21.687	-0.026	21.701	-0.057	21.715	-0.056	24.864	0.042	24.873	0.043	24.882	0.039	24.889	0.022
21.727	-0.043	21.742	-0.043	21.756	-0.038	21.773	-0.030	24.898	0.042	24.908	0.001	24.917	-0.003	24.924	-0.011
21.787	-0.016	21.802	0.006	21.819	0.002	21.832	-0.020	24.931	-0.020	24.941	-0.015	24.954	-0.014	24.969	-0.013
21.851	-0.059	21.862	-0.059	21.873	-0.063	21.889	-0.037	24.986	-0.012	24.996	-0.016	24.999	-0.020	25.015	-0.020
21.904	-0.028	21.923	-0.036	21.938	-0.036	21.949	-0.031	25.031	-0.019	25.045	-0.022	25.052	-0.031	25.066	-0.043
21.963	-0.009	21.980	0.008	21.997	0.008	22.014	0.026	25.081	-0.043	25.099	-0.030	25.114	-0.017	25.125	0.001
22.026	0.039	22.037	0.039	22.050	0.048	22.067	0.040	25.140	0.010	25.153	0.019	25.163	0.028	25.178	0.041
22.085	0.023	22.098	0.049	22.109	0.058	22.125	0.062	25.186	0.050	25.196	0.072	25.207	0.085	25.217	0.085
22.141	0.058	22.156	0.037	22.171	-0.002	22.187	-0.002	25.229	0.089	25.237	0.089	25.250	0.085	25.263	0.077
22.203	0.003	22.221	-0.036	22.238	-0.049	22.253	-0.031	25.272	0.077	25.281	0.064	25.291	0.055	25.309	0.047
22.266	-0.022	22.282	-0.030	22.297	-0.034	22.315	-0.047	25.317	0.051	25.334	0.065	25.345	0.069	25.354	0.078
22.337	-0.038	22.353	-0.038	22.363	-0.029	22.378	-0.011	25.364	0.096	25.374	0.104	25.385	0.109	25.414	0.101

25.426	0.097	25.437	0.088	25.449	0.088	25.456	0.079	28.280	-0.014	28.295	0.008	28.306	0.021	28.316	0.004
25.465	0.071	25.478	0.071	25.487	0.062	25.497	0.058	28.343	-0.017	28.365	-0.017	28.376	-0.008	28.401	-0.016
25.507	0.054	25.518	0.041	25.530	0.041	25.543	0.037	28.414	-0.015	28.425	-0.006	28.444	0.025	28.458	0.030
25.552	0.041	25.567	0.050	25.577	0.050	25.585	0.034	28.472	0.039	28.493	0.044	28.519	0.048	28.529	0.036
25.593	0.050	25.602	0.041	25.605	0.028	25.622	0.029	28.541	0.027	28.555	0.049	28.566	0.049	28.577	0.041
25.642	0.029	25.649	0.029	25.657	0.033	25.670	0.033	28.590	0.037	28.612	0.029	28.633	0.042	28.650	0.069
25.677	0.033	25.681	0.029	25.688	0.025	25.695	0.021	28.665	0.064	28.677	0.043	28.701	0.026	28.718	0.048
25.709	0.021	25.720	0.021	25.727	0.012	25.733	0.004	28.728	0.052	28.751	0.035	28.768	0.044	28.781	0.027
25.739	-0.005	25.746	-0.013	25.758	-0.022	25.766	-0.022	28.806	0.019	28.822	0.033	28.843	0.051	28.867	0.047
25.771	-0.030	25.781	-0.043	25.795	-0.043	25.800	-0.047	28.886	0.039	28.920	0.040	28.946	0.042	28.974	0.012
25.821	-0.056	25.828	-0.060	25.838	-0.060	25.848	-0.056	28.998	0.018	29.018	0.032	29.035	0.021	29.056	0.021
25.860	-0.051	25.873	-0.038	25.883	-0.029	25.890	-0.020	29.078	0.025	29.094	0.039	29.108	0.048	29.129	0.057
25.899	-0.007	25.912	0.002	25.920	0.019	25.938	0.015	29.145	0.049	29.169	0.058	29.182	0.045	29.201	0.011
25.945	-0.006	25.955	-0.003	25.963	-0.011	25.978	-0.016	29.215	-0.002	29.236	-0.002	29.255	0.015	29.266	0.024
25.985	-0.011	25.990	-0.002	25.997	0.007	26.006	0.016	29.284	0.024	29.300	-0.006	29.313	-0.006	29.334	-0.001
26.015	0.007	26.023	0.003	26.032	-0.001	26.041	-0.005	29.351	-0.000	29.386	0.001	29.406	0.010	29.432	0.002
26.051	-0.005	26.057	-0.014	26.067	-0.026	26.080	-0.026	29.447	0.011	29.463	0.016	29.485	0.020	29.504	0.004
26.087	-0.013	26.092	0.000	26.102	0.013	26.115	0.022	29.513	-0.009	29.530	-0.004	29.562	-0.003	29.595	-0.002
26.130	0.023	26.140	0.023	26.151	0.028	26.160	0.033	29.612	0.003	29.633	0.003	29.658	0.013	29.685	0.022
26.173	0.037	26.190	0.038	26.202	0.039	26.209	0.030	29.705	0.018	29.721	0.031	29.747	0.028	29.774	0.028
26.216	0.031	26.221	0.022	26.230	0.014	26.236	0.005	29.796	0.038	29.811	0.051	29.838	0.052	29.898	0.049
26.242	0.001	26.251	-0.003	26.264	-0.006	26.280	-0.006	29.915	0.045	29.975	0.047	30.011	0.048	30.024	0.040
26.288	-0.006	26.295	0.003	26.309	0.008	26.315	0.017	30.037	0.036	30.049	0.028	30.061	0.024	30.071	0.016
26.328	-0.026	26.342	0.035	26.355	0.035	26.370	0.036	30.087	0.012	30.105	0.013	30.113	0.013	30.131	0.005
26.374	0.027	26.380	0.019	26.387	0.015	26.402	0.015	30.142	0.006	30.153	-0.003	30.184	-0.002	30.222	0.004
26.415	0.020	26.421	0.029	26.434	0.038	26.443	0.038	30.236	0.009	30.244	0.018	30.259	0.036	30.265	0.037
26.453	0.047	26.462	0.038	26.473	0.034	26.483	0.030	30.281	0.028	30.329	0.024	30.329	0.025	30.342	0.021
26.492	0.030	26.500	0.034	26.513	0.034	26.525	0.030	30.361	0.021	30.376	0.018	30.403	0.018	30.414	0.014
26.540	0.030	26.568	0.031	26.583	0.040	26.598	0.040	30.423	0.015	30.440	0.015	30.460	0.020	30.474	0.007
26.614	0.045	26.622	0.053	26.636	0.067	26.656	0.076	30.485	0.003	30.498	0.008	30.514	0.030	30.530	0.034
26.667	0.071	26.680	0.067	26.690	0.059	26.699	0.054	30.546	0.022	30.571	0.022	30.587	0.023	30.596	0.031
26.707	0.042	26.737	0.033	26.740	0.025	26.755	0.016	30.611	0.036	30.626	0.045	30.643	0.032	30.658	0.028
26.777	0.008	26.787	-0.005	26.796	-0.018	26.813	-0.018	30.673	0.029	30.683	0.038	30.695	0.051	30.705	0.055
26.828	-0.009	26.839	0.000	26.851	-0.004	26.865	-0.008	30.720	0.047	30.729	0.034	30.742	0.021	30.761	0.017
26.889	0.005	26.898	0.005	26.909	0.019	26.920	0.027	30.782	0.018	30.807	0.023	30.833	0.015	30.850	0.011
26.929	0.041	26.938	0.058	26.951	0.076	26.970	0.081	30.883	0.016	30.907	0.017	30.922	0.017	30.953	0.022
26.989	0.081	27.012	0.077	27.026	0.073	27.039	0.056	30.980	0.036	30.991	0.045	31.007	0.059	31.025	0.072
27.064	0.013	27.079	0.018	27.103	0.018	27.126	0.010	31.038	0.077	31.066	0.078	31.081	0.095	31.092	0.083
27.139	0.001	27.158	-0.007	27.193	-0.006	27.214	-0.006	31.114	0.070	31.138	0.062	31.155	0.041	31.177	0.050
27.235	-0.010	27.247	-0.023	27.263	-0.019	27.273	-0.014	31.193	0.046	31.214	0.034	31.228	0.043	31.243	0.056
27.287	-0.006	27.300	-0.001	27.310	0.003	27.322	-0.001	31.264	0.057	31.272	0.048	31.280	0.035	31.298	0.014
27.336	-0.006	27.349	-0.006	27.363	0.007	27.374	0.020	31.318	0.023	31.329	0.041	31.344	0.041	31.358	0.015
27.385	0.042	27.403	0.064	27.418	0.055	27.439	0.051	31.372	0.011	31.392	0.007	31.407	0.012	31.415	0.030
27.473	0.055	27.490	0.047	27.502	0.034	27.518	0.016	31.425	0.034	31.449	0.047	31.462	0.039	31.473	0.017
27.542	0.008	27.569	-0.005	27.583	0.009	27.600	0.018	31.490	0.009	31.499	0.018	31.507	0.035	31.517	0.057
27.619	0.009	27.638	0.018	27.649	0.031	27.662	0.045	31.537	0.057	31.568	0.058	31.596	0.045	31.625	0.032
27.683	0.054	27.693	0.058	27.702	0.050	27.716	0.032	31.671	0.028	31.694	0.006	31.727	0.011	31.757	0.011
27.743	0.038	27.763	0.033	27.781	0.042	27.793	0.038	31.776	0.032	31.788	0.032	31.808	0.024	31.824	0.019
27.812	0.038	27.824	0.051	27.844	0.065	27.856	0.069	31.845	0.033	31.861	0.059	31.885	0.046	31.913	0.046
27.865	0.056	27.871	0.043	27.876	0.026	27.903	0.035	31.950	0.038	32.001	0.038	32.026	0.030	32.051	0.022
27.918	0.048	27.926	0.057	27.939	0.075	27.957	0.066	32.071	0.013	32.096	0.005	32.127	0.018	32.156	0.006
27.978	0.075	27.988	0.075	28.000	0.071	28.021	0.067	32.178	0.006	32.202	0.024	32.226	0.046	32.250	0.064
28.040	0.045	28.046	0.028	28.059	0.006	28.083	0.015	32.274	0.069	32.297	0.078	32.311	0.070	32.343	0.044
28.101	-0.002	28.119	0.006	28.136	0.011	28.148	-0.015	32.358	0.027	32.399	0.007	32.431	0.007	32.471	-0.023
28.167	-0.011	28.190	-0.007	28.199	0.006	28.215	0.033	32.452	-0.018	32.467	-0.005	32.481	0.022	32.514	0.061
28.223	0.020	28.238	-0.006	28.252	-0.010	28.270	-0.027	32.541	0.062	32.564	0.084	32.591	0.058	32.615	0.050

32.648	0.055	32.665	0.046	32.692	0.021	32.716	0.030	37.571	-0.014	37.587	-0.013	37.598	0.001	37.610	0.006
32.745	0.039	32.771	0.021	32.834	0.022	32.865	0.035	37.626	0.007	37.642	0.007	37.658	0.009	37.681	0.040
32.905	0.036	32.946	0.036	32.978	0.028	33.019	0.002	37.696	0.041	37.714	0.043	37.740	0.057	37.752	0.028
33.056	-0.002	33.132	-0.000	33.182	0.018	33.216	0.019	37.772	0.060	37.782	0.043	37.793	0.035	37.806	0.028
33.255	0.046	33.276	0.055	33.289	0.069	33.341	0.079	37.826	0.016	37.850	0.017	37.877	0.009	37.896	0.006
33.398	0.049	33.391	0.041	33.464	0.034	33.472	0.043	37.910	0.006	37.927	0.020	37.942	0.046	37.961	0.030
33.509	0.044	33.538	0.019	33.559	-0.016	33.570	-0.033	37.987	0.036	38.002	0.041	38.016	0.046	38.037	0.038
33.588	-0.033	33.617	-0.010	33.666	-0.010	33.735	0.018	38.047	0.038	38.055	0.043	38.072	0.044	38.095	0.049
33.770	0.032	33.803	0.050	33.821	0.059	33.847	0.038	38.112	0.055	38.141	0.061	38.159	0.066	38.177	0.067
33.871	0.030	33.887	0.013	33.909	0.009	33.944	-0.016	38.204	0.073	38.220	0.070	38.241	0.058	38.253	0.050
33.965	-0.007	33.986	0.007	34.041	0.016	34.057	0.026	38.264	0.034	38.291	0.031	38.307	0.032	38.336	0.034
34.071	0.039	34.120	0.044	34.140	0.062	34.179	0.062	38.350	0.035	38.359	0.044	38.374	0.049	38.381	0.046
34.212	0.041	34.246	0.028	34.293	0.042	34.329	0.064	38.397	0.046	38.414	0.043	38.422	0.043	38.430	0.026
34.381	0.053	34.398	0.018	34.446	0.011	34.523	0.004	38.444	0.022	38.455	0.018	38.464	0.027	38.474	0.032
34.555	-0.003	34.571	0.014	34.610	0.016	34.632	0.038	38.499	0.033	38.509	0.034	38.523	0.043	38.545	0.044
34.660	0.074	34.679	0.110	34.707	0.119	34.729	0.093	38.560	0.040	38.574	0.032	38.587	0.032	38.596	0.020
34.769	0.064	34.794	0.056	34.817	0.035	34.852	0.009	38.611	0.020	38.625	0.034	38.640	0.034	38.651	0.030
34.868	-0.008	34.889	-0.016	34.907	0.002	34.927	0.015	38.664	0.031	38.678	0.036	38.690	0.041	38.702	0.032
34.969	0.034	35.005	0.052	35.031	0.061	35.067	0.054	38.722	0.020	38.731	0.020	38.752	0.021	38.781	0.022
35.090	0.046	35.135	0.030	35.159	0.022	35.186	0.032	38.800	0.023	38.816	0.024	38.835	0.034	38.848	0.039
35.221	0.039	35.247	0.049	35.278	0.037	35.315	0.013	38.881	0.040	38.922	0.041	38.931	0.046	38.970	0.047
35.333	0.001	35.355	0.010	35.392	0.041	35.413	0.053	38.983	0.043	39.005	0.035	39.027	0.036	39.042	0.036
35.434	0.062	35.460	0.062	35.487	0.058	35.510	0.050	39.067	0.045	39.080	0.041	39.089	0.033	39.133	0.034
35.547	0.043	35.567	0.044	35.586	0.054	35.630	0.086	39.148	0.039	39.171	0.040	39.188	0.041	39.202	0.041
35.656	0.092	35.690	0.097	35.726	0.093	35.770	0.059	39.217	0.038	39.244	0.034	39.244	0.034	39.269	0.040
35.790	0.033	35.812	-0.001	35.826	-0.027	35.871	-0.018	39.285	0.045	39.322	0.055	39.344	0.055	39.381	0.057
35.896	-0.013	35.914	-0.004	35.938	0.014	35.988	0.045	39.401	0.062	39.424	0.063	39.479	0.065	39.509	0.061
36.091	0.038	36.101	0.034	36.111	0.026	36.118	0.035	39.546	0.058	39.585	0.060	39.627	0.061	39.656	0.062
36.124	0.018	36.135	0.023	36.144	0.010	36.155	0.006	39.697	0.054	39.719	0.046	39.741	0.038	39.792	0.030
36.165	0.003	36.171	-0.002	36.179	-0.001	36.189	0.004	39.836	0.030	39.880	0.026	39.914	0.022	39.945	0.023
36.197	0.004	36.207	0.009	36.217	0.010	36.225	0.023	39.972	0.024	39.997	0.028	40.020	0.024	40.130	0.033
36.235	0.015	36.254	0.025	36.263	0.030	36.273	0.034	40.065	0.030	40.076	0.022	40.113	0.024	40.197	0.058
36.288	0.040	36.301	0.040	36.310	0.032	36.324	0.028	40.148	0.034	40.167	0.035	40.185	0.036	40.286	0.070
36.338	0.034	36.344	0.043	36.355	0.052	36.365	0.058	40.214	0.059	40.231	0.068	40.277	0.070	40.361	0.064
36.378	0.058	36.389	0.059	36.398	0.060	36.410	0.065	40.303	0.071	40.331	0.072	40.341	0.068	40.361	0.044
36.422	0.066	36.433	0.071	36.445	0.059	36.454	0.060	40.379	0.056	40.392	0.052	40.402	0.044	40.432	0.044
36.466	0.048	36.486	0.028	36.493	0.019	36.510	0.012	40.447	0.049	40.465	0.049	40.488	0.049	40.502	0.045
36.527	0.009	36.534	0.001	36.545	-0.003	36.554	-0.011	40.526	0.045	40.554	0.045	40.576	0.045	40.598	0.067
36.574	-0.014	36.583	-0.009	36.600	-0.008	36.611	-0.011	40.620	0.076	40.641	0.076	40.661	0.085	40.682	0.085
36.626	-0.002	36.639	-0.001	36.649	0.004	36.658	0.018	40.696	0.081	40.709	0.068	40.725	0.064	40.737	0.059
36.671	0.023	36.684	0.033	36.696	0.038	36.708	0.043	40.749	0.051	40.761	0.047	40.773	0.038	40.823	0.040
36.717	0.038	36.735	0.049	36.750	0.050	36.759	0.050	40.855	0.040	40.878	0.058	40.892	0.054	40.916	0.055
36.766	0.038	36.783	0.026	36.793	0.018	36.802	0.019	40.922	0.050	40.953	0.051	41.007	0.052	41.033	0.062
36.816	0.011	36.828	0.007	36.848	0.004	36.856	0.001	41.070	0.062	41.079	0.058	41.095	0.058	41.109	0.058
36.884	0.003	36.903	0.004	36.916	0.013	36.926	0.023	41.130	0.049	41.153	0.049	41.169	0.049	41.189	0.063
36.940	0.032	36.952	0.042	36.965	0.042	36.976	0.043	41.206	0.063	41.217	0.058	41.238	0.050	41.251	0.045
36.991	0.053	37.012	0.067	37.020	0.067	37.035	0.077	41.270	0.041	41.287	0.041	41.310	0.037	41.331	0.032
37.051	0.082	37.069	0.079	37.086	0.093	37.112	0.094	41.358	0.032	41.383	0.032	41.406	0.032	41.441	0.031
37.129	0.095	37.145	0.087	37.167	0.079	37.179	0.067	41.458	0.032	41.467	0.032	41.505	0.031	41.515	0.031
37.202	0.055	37.218	0.048	37.231	0.048	37.249	0.054	41.527	0.040	41.571	0.039	41.616	0.039	41.632	0.034
37.266	0.050	37.279	0.047	37.301	0.048	37.313	0.049	41.651	0.030	41.671	0.025	41.685	0.016	41.710	0.012
37.328	0.055	37.350	0.056	37.367	0.053	37.380	0.054	41.726	0.016	41.737	0.012	41.764	0.011	41.800	0.011
37.398	0.047	37.411	0.052	37.420	0.049	37.428	0.041	41.827	0.015	41.843	0.015	41.855	0.024	41.877	0.037
37.444	0.042	37.459	0.035	37.475	0.036	37.488	0.033	41.902	0.037	41.922	0.041	41.939	0.050	41.974	0.054
37.500	0.020	37.518	0.013	37.534	0.006	37.551	-0.001	41.999	0.054	42.028	0.054	42.073	0.054	42.074	0.054
								42.120	0.054	42.135	0.045	42.209	0.045	42.233	0.045

42.286	0.050	42.331	0.050	42.383	0.050	42.434	0.050
42.474	0.050	42.550	0.054	42.570	0.054	42.595	0.058
42.636	0.058	42.685	0.059	42.720	0.059	42.740	0.055
42.773	0.056	42.802	0.047	42.833	0.043	42.867	0.044
42.932	0.041	42.965	0.041	42.979	0.059	43.011	0.060
43.057	0.052	43.075	0.030	43.105	0.026	43.155	0.023
43.171	0.014	43.197	0.010	43.227	0.028	43.266	0.032
43.306	0.032	43.345	0.032	43.373	0.032	43.399	0.037
43.427	0.042	43.456	0.038	43.492	0.043	43.551	0.039
43.577	0.036	43.633	0.034	43.676	0.040	43.702	0.050
43.729	0.055	43.757	0.056	43.787	0.057	43.826	0.037
43.850	0.038	43.873	0.048	43.898	0.054	43.923	0.059
43.975	0.057	44.003	0.058	44.032	0.059	44.055	0.052
44.093	0.044	44.129	0.045	44.170	0.047	44.222	0.049
44.255	0.046	44.287	0.048	44.328	0.049	44.394	0.044
44.439	0.050	44.482	0.057	44.535	0.055	44.563	0.061
44.608	0.062	44.670	0.064	44.719	0.065	44.784	0.062
44.784	0.062	44.857	0.058	44.878	0.058	44.925	0.058
44.972	0.058	44.986	0.063	45.032	0.063	45.112	0.060
45.143	0.060	45.174	0.052	45.214	0.058	45.259	0.052
45.291	0.045	45.317	0.046	45.369	0.049	45.412	0.051
45.446	0.052	45.499	0.066	45.525	0.071	45.556	0.072
45.584	0.060	45.614	0.056	45.675	0.049	45.707	0.037
45.742	0.025	45.795	0.035	45.827	0.039	45.873	0.044
45.917	0.044	45.969	0.039	46.016	0.034	46.074	0.042
46.195	0.043	46.236	0.044	46.303	0.046	46.363	0.049
46.451	0.045	46.494	0.043	46.535	0.040	46.600	0.038
46.661	0.039	46.693	0.058	46.726	0.059	46.764	0.069
46.803	0.058	46.853	0.059	46.891	0.052	46.917	0.059
46.955	0.061	46.991	0.064	47.027	0.066	47.056	0.064
47.090	0.064	47.100	0.064				

771.199 2/9/71 0600PST L.A. 234 FIGUEROA ST. ROOF

N37E

3800 POINTS 46.430 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.7731 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.100	0.012	-0.252	0.023	-0.345	0.033	-0.371	0.087	-0.398	1.922	-0.038	1.927	0.008	1.937	0.041
0.045	-0.351	0.061	-0.345	0.074	-0.371	0.087	-0.398	0.074	-0.398	1.955	-0.044	1.962	-0.091	1.969	-0.110
0.098	-0.372	0.113	-0.273	0.126	-0.134	0.140	-0.002	0.140	-0.002	1.994	0.009	2.005	0.101	2.015	0.187
0.152	0.123	0.161	0.209	0.171	0.235	0.181	0.215	0.181	0.215	2.031	0.180	2.040	0.108	2.049	0.028
0.191	0.149	0.207	0.129	0.221	0.095	0.234	0.022	0.234	0.022	2.074	-0.177	2.084	-0.223	2.095	-0.236
-0.090	-0.090	0.250	-0.203	0.259	-0.289	0.268	-0.329	0.268	-0.329	2.117	-0.283	2.127	-0.355	2.135	-0.428
0.283	-0.330	0.301	-0.304	0.315	-0.265	0.328	-0.179	0.328	-0.179	2.155	-0.435	2.165	-0.356	2.175	-0.237
-0.034	-0.353	0.353	0.104	0.369	0.241	0.377	0.300	0.377	0.300	2.190	-0.019	2.203	0.047	2.217	0.113
0.391	0.326	0.400	0.293	0.408	0.206	0.419	0.085	0.419	0.085	2.242	0.119	2.253	0.046	2.262	0.007
0.429	-0.032	0.440	-0.125	0.452	-0.199	0.468	-0.285	0.468	-0.285	2.285	-0.193	2.295	-0.272	2.304	-0.332
0.483	-0.345	0.497	-0.411	0.515	-0.405	0.532	-0.425	0.532	-0.425	2.327	-0.339	2.339	-0.392	2.349	-0.418
-0.545	-0.406	0.565	-0.294	0.568	-0.076	0.577	0.095	0.577	0.095	2.368	-0.340	2.378	-0.221	2.387	-0.082
0.590	0.200	0.605	0.240	0.616	0.200	0.630	0.068	0.630	0.068	2.407	0.208	2.414	0.250	2.425	0.287
0.642	-0.104	0.653	-0.203	0.668	-0.302	0.684	-0.375	0.684	-0.375	2.449	0.253	2.459	0.279	2.472	0.345
0.699	-0.422	0.717	-0.409	0.732	-0.369	0.742	-0.263	0.742	-0.263	2.492	0.358	2.505	0.272	2.513	0.166
0.753	-0.131	0.765	-0.021	0.773	0.120	0.786	0.153	0.786	0.153	2.530	-0.105	2.540	-0.244	2.547	-0.330
0.797	0.146	0.807	0.186	0.819	0.212	0.832	0.212	0.832	0.212	2.566	-0.356	2.576	-0.324	2.590	-0.284
0.844	0.192	0.858	0.126	0.868	0.027	0.881	-0.085	0.881	-0.085	2.613	-0.165	2.623	-0.080	2.632	0.043
0.893	-0.184	0.905	-0.236	0.918	-0.216	0.931	-0.163	0.931	-0.163	2.654	0.158	2.664	0.184	2.672	0.144
0.947	-0.130	0.959	-0.077	0.974	-0.004	0.987	0.081	0.987	0.081	2.692	-0.027	2.702	-0.113	2.712	-0.199
0.999	0.101	1.016	0.114	1.024	0.080	1.038	0.012	1.038	0.012	2.731	0.396	2.740	0.522	2.749	-0.674
-1.050	-0.125	1.065	-0.198	1.074	-0.264	1.085	-0.298	1.085	-0.298	2.762	-0.891	2.767	-0.977	2.774	-1.010
1.096	-0.285	1.108	-0.206	1.123	-0.186	1.140	-0.167	1.140	-0.167	2.787	-0.891	2.794	-0.746	2.803	-0.620
-1.154	0.061	1.166	0.030	1.179	0.043	1.195	0.075	1.195	0.075	2.820	-0.428	2.830	-0.402	2.842	-0.382
1.210	0.061	1.225	0.021	1.237	0.065	1.251	0.171	1.251	0.171	2.859	-0.263	2.867	0.104	2.874	0.021
1.263	-0.284	1.276	-0.324	1.290	-0.272	1.298	-0.206	1.298	-0.206	2.889	0.279	2.895	0.398	2.906	0.471
-1.314	-0.167	1.326	-0.174	1.336	-0.155	1.348	-0.155	1.348	-0.155	2.924	0.543	2.931	0.517	2.939	0.398
1.358	-0.024	1.366	0.108	1.376	0.247	1.386	0.247	1.386	0.247	2.958	-0.044	2.966	-0.268	2.975	-0.486
1.439	0.365	1.406	0.332	1.419	0.245	1.428	0.153	1.428	0.153	2.990	-0.777	2.998	-0.849	3.003	-0.863
1.499	-0.059	1.449	-0.059	1.462	-0.159	1.476	-0.218	1.476	-0.218	3.015	-0.764	3.022	-0.658	3.028	-0.498
-1.494	-0.225	1.520	-0.239	1.520	-0.279	1.532	-0.246	1.532	-0.246	3.045	-0.156	3.052	0.024	3.060	0.108
1.544	-0.167	1.554	-0.154	1.566	-0.055	1.581	-0.029	1.581	-0.029	3.080	0.425	3.089	0.603	3.097	0.795
1.592	-0.016	1.600	-0.009	1.609	-0.042	1.620	-0.115	1.620	-0.115	3.113	1.092	3.122	1.165	3.134	1.203
-1.634	-0.188	1.647	-0.228	1.664	-0.222	1.679	-0.216	1.679	-0.216	3.153	1.303	3.163	1.349	3.173	1.324
1.693	-0.209	1.708	-0.250	1.720	-0.296	1.731	-0.283	1.731	-0.283	3.190	1.204	3.197	1.072	3.203	0.953
1.740	-0.224	1.750	-0.111	1.758	0.001	1.767	0.120	1.767	0.120	3.217	0.748	3.224	0.675	3.233	0.543
1.778	0.179	1.789	0.159	1.801	0.146	1.814	0.166	1.814	0.166	3.246	0.411	3.254	0.351	3.262	0.364
1.826	-0.196	1.838	0.152	1.847	0.067	1.855	-0.046	1.855	-0.046	3.291	0.205	3.291	0.205	3.299	0.165
1.864	-0.191	1.881	-0.329	1.881	-0.455	1.884	-0.501	1.884	-0.501	3.326	0.112	3.336	0.039	3.346	-0.021
1.891	-0.527	1.898	-0.481	1.906	-0.349	1.914	-0.177	1.914	-0.177	3.365	-0.226	3.374	-0.039	3.381	-0.445

3.396	-0.683	3.402	-0.842	3.409	-0.994	3.416	-1.166	5.161	2.569	5.168	2.698	5.175	2.701	5.186	2.654
3.424	-1.285	3.432	-1.325	3.439	-1.312	3.447	-1.180	5.194	2.595	5.202	2.469	5.208	2.310	5.214	2.072
3.453	-1.029	3.459	-0.837	3.467	-0.653	3.474	-0.501	5.222	1.603	5.231	1.022	5.237	0.605	5.243	0.268
3.482	-0.376	3.491	-0.264	3.500	-0.099	3.508	-0.006	5.252	-0.023	5.255	-0.175	5.266	-0.228	5.271	-0.360
3.513	0.073	3.520	0.106	3.528	0.066	3.535	-0.026	5.274	-0.499	5.282	-0.592	5.288	-0.691	5.297	-0.665
3.543	-0.132	3.553	-0.258	3.559	-0.364	3.570	-0.469	5.305	-0.752	5.312	-0.719	5.318	-0.561	5.328	-0.258
3.579	-0.588	3.590	-0.687	3.601	-0.780	3.611	-0.899	5.336	0.151	5.345	0.745	5.354	1.247	5.364	1.774
3.619	-1.011	3.628	-1.124	3.637	-1.263	3.644	-1.422	5.371	2.012	5.376	2.289	5.384	2.420	5.388	2.460
3.652	-1.560	3.660	-1.706	3.665	-1.818	3.674	-1.918	5.392	2.526	5.396	2.624	5.400	2.565	5.406	2.366
3.682	-1.997	3.691	-2.063	3.700	-2.103	3.708	-2.057	5.411	2.611	5.419	1.996	5.427	1.705	5.432	1.519
3.717	-1.991	3.725	-1.906	3.732	-1.761	3.738	-1.636	5.439	1.413	5.447	1.149	5.452	0.970	5.458	0.858
3.745	-1.504	3.751	-1.458	3.758	-1.465	3.765	-1.425	5.464	0.540	5.468	0.322	5.476	0.091	5.484	-0.280
3.775	-1.459	3.783	-1.492	3.793	-1.473	3.803	-1.328	5.495	-0.776	5.502	-1.139	5.512	-1.741	5.521	-2.157
3.810	-1.170	3.818	-0.972	3.825	-0.741	3.834	-0.517	5.527	-2.461	5.534	-2.660	5.538	-2.753	5.540	-2.786
3.843	-0.332	3.853	-0.108	3.861	0.136	3.871	0.367	5.547	-2.753	5.555	-2.628	5.560	-2.417	5.567	-2.154
3.879	0.552	3.885	0.750	3.894	1.066	3.903	1.409	5.575	-1.758	5.583	-1.468	5.591	-1.039	5.601	-0.499
3.914	1.812	3.921	2.083	3.929	2.307	3.933	2.366	5.613	0.032	5.626	0.589	5.638	1.044	5.648	1.387
3.940	2.399	3.947	2.366	3.952	2.293	3.959	2.148	5.655	1.637	5.661	1.789	5.665	1.821	5.671	1.814
3.965	1.963	3.972	1.771	3.978	1.566	3.987	1.289	5.677	1.821	5.682	1.675	5.690	1.529	5.696	1.317
3.996	1.044	4.004	0.793	4.010	0.615	4.018	0.430	5.698	1.013	5.704	0.709	5.711	0.445	5.717	0.160
4.024	0.310	4.033	0.251	4.040	0.297	4.048	0.402	5.721	-0.045	5.724	-0.151	5.729	-0.144	5.734	-0.270
4.055	0.554	4.064	0.752	4.073	0.943	4.081	1.154	5.739	-0.594	5.744	-0.700	5.746	-0.845	5.751	-0.912
4.090	1.398	4.098	1.622	4.104	1.800	4.109	1.906	5.757	-1.302	5.762	-1.791	5.771	-2.392	5.778	-3.046
4.122	1.997	4.132	1.997	4.138	1.951	4.147	1.871	5.786	-3.552	5.792	-4.064	5.800	-4.494	5.809	-5.016
4.154	1.832	4.167	1.778	4.175	1.673	4.184	1.521	5.812	-5.089	5.818	-5.129	5.822	-5.103	5.825	-4.991
4.194	1.302	4.203	1.084	4.211	0.893	4.223	0.701	5.831	-4.859	5.836	-4.774	5.843	-4.470	5.850	-4.022
4.228	0.450	4.238	0.219	4.246	0.000	4.253	-0.224	5.855	-3.633	5.863	-2.913	5.871	-2.227	5.877	-1.771
4.261	-0.396	4.268	-0.489	4.274	-0.522	4.281	-0.489	5.882	-1.375	5.889	-0.992	5.894	-0.623	5.903	-0.220
4.289	-0.311	4.297	-0.054	4.307	0.210	4.314	0.448	5.910	0.209	5.917	0.585	5.926	1.034	5.934	1.569
4.322	0.653	4.327	0.732	4.335	0.785	4.344	0.751	5.944	1.925	5.950	2.149	5.955	2.262	5.961	2.367
4.352	0.665	4.355	0.632	4.365	0.613	4.373	0.533	5.966	2.545	5.970	2.664	5.981	2.624	5.986	2.479
4.381	0.401	4.390	0.275	4.399	0.130	4.407	0.042	5.994	2.030	6.002	1.396	6.008	1.032	6.016	0.788
4.415	-0.174	4.422	-0.392	4.430	-0.729	4.441	-1.258	6.021	0.471	6.030	0.312	6.038	0.167	6.043	-0.058
4.448	-1.509	4.456	-1.774	4.463	-2.065	4.470	-2.256	6.050	-0.177	6.056	-0.428	6.062	-0.659	6.068	-0.890
4.477	-2.389	4.483	-2.455	4.491	-2.429	4.499	-2.397	6.074	-1.161	6.081	-1.597	6.088	-1.894	6.094	-2.132
4.506	-2.272	4.514	-2.140	4.521	-2.028	4.531	-1.976	6.099	-2.343	6.105	-2.330	6.110	-2.469	6.120	-2.475
4.540	-2.022	4.549	-2.016	4.556	-2.083	4.562	-2.182	6.126	-2.502	6.129	-2.370	6.136	-2.192	6.141	-1.848
4.570	-2.222	4.577	-2.328	4.584	-2.454	4.591	-2.441	6.148	-1.439	6.158	-0.812	6.167	-0.225	6.176	0.277
4.600	-2.435	4.607	-2.363	4.612	-2.264	4.621	-2.179	6.184	0.653	6.194	0.917	6.201	1.141	6.207	1.352
4.628	-1.982	4.636	-1.711	4.645	-1.580	4.657	-1.561	6.211	1.998	6.220	1.365	6.226	1.418	6.232	1.714
4.667	-1.641	4.675	-1.615	4.681	-1.662	4.688	-1.629	6.237	1.998	6.244	2.130	6.251	2.077	6.260	2.077
4.694	-1.504	4.701	-1.419	4.708	-1.149	4.714	-0.958	6.271	2.208	6.276	2.169	6.285	2.221	6.289	2.148
4.721	-0.786	4.726	-0.582	4.732	-0.517	4.740	-0.530	6.294	2.056	6.301	1.930	6.306	1.646	6.309	1.501
4.748	-0.537	4.755	-0.597	4.760	-0.644	4.770	-0.651	6.314	1.448	6.321	1.480	6.326	1.388	6.329	1.196
4.781	-0.638	4.788	-0.579	4.794	-0.540	4.803	-0.541	6.333	1.176	6.339	1.183	6.344	1.057	6.349	0.965
4.811	-0.495	4.816	-0.521	4.826	-0.476	4.838	-0.410	6.359	1.030	6.364	0.911	6.368	0.792	6.376	0.812
4.849	-0.338	4.856	-0.193	4.863	-0.042	4.869	0.136	6.380	0.660	6.384	0.488	6.388	0.409	6.396	0.408
4.877	0.492	4.886	0.987	4.896	1.541	4.906	2.010	6.402	0.269	6.407	0.190	6.415	0.084	6.421	-0.068
4.914	2.254	4.919	2.359	4.925	2.398	4.934	2.418	6.427	-0.194	6.437	-0.207	6.445	-0.207	6.452	-0.221
4.939	2.312	4.946	2.252	4.952	2.153	4.961	1.961	6.459	-0.115	6.467	0.070	6.473	0.268	6.480	0.519
4.969	1.770	4.978	1.499	4.989	0.983	4.997	0.580	6.489	0.690	6.498	0.763	6.507	0.716	6.517	0.723
5.007	0.098	5.017	-0.431	5.026	-0.821	5.034	-1.085	6.525	0.677	6.534	0.564	6.542	0.353	6.551	0.128
5.040	-1.250	5.043	-1.303	5.050	-1.330	5.055	-1.290	6.559	-0.090	6.570	-0.532	6.582	-0.532	6.592	-0.638
5.063	-1.178	5.070	-1.033	5.078	-0.803	5.085	-0.525	6.597	-0.665	6.604	-0.691	6.612	-0.830	6.624	-1.028
5.096	-0.182	5.103	0.167	5.111	0.438	5.118	0.715	6.633	-1.193	6.639	-1.279	6.658	-1.279	6.667	-1.365
5.127	1.111	5.137	1.573	5.146	1.956	5.153	2.319	6.676	-1.412	6.688	-1.372	6.696	-1.445	6.704	-1.683

6.712	-1.835	6.718	-1.874	6.725	-1.835	6.735	-1.696	8.685	-0.604	8.695	-0.882	8.706	-1.087	8.719	-1.292
6.742	-1.531	6.749	-1.380	6.754	-1.234	6.759	-1.168	8.729	-1.544	8.737	-1.788	8.744	-1.993	8.752	-2.112
6.768	-0.964	6.776	-0.944	6.783	-0.786	6.788	-0.746	8.761	-2.172	8.771	-2.132	8.778	-2.086	8.788	-1.987
6.793	-0.779	6.798	-0.825	6.808	-0.832	6.816	-0.938	8.810	-1.882	8.820	-1.730	8.829	-1.506	8.836	-1.380
6.823	-1.057	6.831	-1.255	6.839	-1.387	6.847	-1.519	8.843	-1.301	8.850	-0.912	8.857	-0.832	8.864	-0.595
6.860	-1.605	6.871	-1.553	6.878	-1.678	6.887	-1.797	8.872	-0.298	8.880	-0.120	8.884	0.052	8.891	0.098
6.895	-1.857	6.902	-1.883	6.911	-1.837	6.921	-1.785	8.900	0.356	8.906	0.369	8.917	0.435	8.922	0.389
6.927	-1.692	6.933	-1.441	6.943	-1.059	6.950	-0.815	8.929	0.224	8.939	0.033	8.953	-0.192	8.960	-0.436
6.958	-0.669	6.968	-0.610	6.976	-0.505	6.987	-0.571	8.968	-0.700	8.976	-1.043	8.985	-1.565	8.995	-2.047
6.999	-0.545	7.009	-0.479	7.019	-0.308	7.029	0.022	9.006	-2.357	9.013	-2.634	9.017	-2.707	9.023	-2.740
7.037	0.451	7.045	0.953	7.055	1.448	7.064	1.863	9.030	-2.713	9.035	-2.654	9.045	-2.588	9.054	-2.522
7.074	2.220	7.084	2.529	7.095	2.760	7.104	2.918	9.061	-2.456	9.067	-2.278	9.076	-2.080	9.086	-1.750
7.110	2.970	7.120	2.957	7.134	2.883	7.143	2.771	9.096	-1.492	9.107	-1.189	9.115	-0.964	9.122	-0.654
7.156	2.691	7.163	2.571	7.168	2.353	7.176	2.267	9.130	0.436	9.142	-0.080	9.152	0.157	9.163	0.468
7.186	2.029	7.193	1.758	7.201	1.519	7.208	1.262	9.176	0.691	9.186	0.869	9.192	0.922	9.201	1.040
7.219	1.103	7.226	0.937	7.235	0.897	7.245	0.705	9.210	1.198	9.219	1.317	9.231	1.435	9.245	1.487
7.255	0.553	7.262	0.460	7.270	0.401	7.279	0.275	9.253	1.467	9.269	1.474	9.279	1.533	9.286	1.685
7.289	0.116	7.300	0.036	7.308	0.016	7.317	0.055	9.293	1.863	9.301	2.015	9.311	2.009	9.316	2.068
7.325	0.121	7.331	0.259	7.339	0.444	7.349	0.767	9.324	2.352	9.326	2.385	9.336	2.405	9.341	2.557
7.359	0.952	7.367	1.202	7.377	1.480	7.387	1.717	9.348	2.557	9.358	2.604	9.363	2.544	9.369	2.439
7.396	1.915	7.406	2.001	7.413	2.159	7.420	2.237	9.377	2.307	9.384	2.076	9.392	1.706	9.404	1.224
7.429	2.370	7.434	2.324	7.440	2.198	7.449	2.086	9.415	0.769	9.423	0.426	9.430	0.077	9.437	-0.207
7.457	1.914	7.464	1.676	7.471	1.458	7.481	1.002	9.445	-0.332	9.451	-0.411	9.456	-0.444	9.468	-0.430
7.490	0.652	7.499	0.242	7.510	-0.174	7.520	-0.663	9.474	-0.377	9.480	-0.258	9.487	-0.000	9.496	0.231
7.530	-1.039	7.537	-1.224	7.547	-1.337	7.555	-1.495	9.504	0.443	9.511	0.668	9.519	0.972	9.530	1.289
7.565	-1.832	7.573	-2.169	7.583	-2.446	7.592	-2.592	9.539	1.567	9.546	1.752	9.553	1.832	9.561	1.891
7.602	-2.631	7.610	-2.599	7.616	-2.480	7.624	-2.420	9.571	1.991	9.576	2.044	9.582	2.057	9.587	2.024
7.632	-2.196	7.637	-2.143	7.645	-1.899	7.651	-1.734	9.596	1.971	9.603	0.890	9.611	1.787	9.619	1.569
7.659	-1.655	7.666	-1.430	7.671	-1.490	7.678	-1.450	9.628	1.305	9.639	0.507	9.649	0.507	9.659	0.052
7.688	-1.510	7.694	-1.543	7.701	-1.550	7.708	-1.616	9.668	-0.357	9.678	-0.720	9.685	-1.103	9.695	-1.473
7.721	-1.609	7.729	-1.484	7.738	-1.491	7.748	-1.438	9.707	-1.802	9.714	-2.132	9.722	-2.343	9.728	-2.469
7.758	-1.570	7.765	-1.590	7.773	-1.756	7.784	-1.927	9.738	-2.515	9.744	-2.502	9.751	-2.416	9.759	-2.191
7.793	-2.066	7.799	-2.132	7.807	-2.271	7.820	-2.298	9.764	-2.046	9.772	-1.808	9.779	-1.386	9.789	-1.049
7.834	-2.199	7.843	-2.179	7.850	-2.087	7.861	-2.028	9.798	0.712	9.805	-0.356	9.813	-0.224	9.818	-0.144
7.872	-2.068	7.881	-2.068	7.891	-2.141	7.901	-2.056	9.826	-0.001	9.834	-0.026	9.843	-0.012	9.848	-0.052
7.909	-1.990	7.917	-1.805	7.927	-1.614	7.937	-1.298	9.856	-0.230	9.863	-0.356	9.870	-0.527	9.881	-0.699
7.946	-1.027	7.955	-0.849	7.968	-0.705	7.983	-0.580	9.892	-0.884	9.901	-1.043	9.907	-1.162	9.914	-1.241
7.994	-0.455	8.002	-0.382	8.014	-0.185	8.026	0.026	9.922	-1.380	9.932	-1.485	9.941	-1.657	9.951	-1.829
8.039	0.303	8.050	0.639	8.058	1.022	8.067	1.445	9.962	-1.955	9.974	-2.027	9.984	-2.054	9.991	-2.021
8.078	1.775	8.088	2.039	8.096	2.223	8.103	2.302	9.995	-1.948	10.005	-1.856	10.012	-1.691	10.019	-1.453
8.115	2.296	8.123	2.243	8.128	2.203	8.137	2.123	10.030	-1.110	10.044	-0.714	10.058	-0.344	10.070	0.005
8.145	1.978	8.155	1.793	8.165	1.528	8.173	1.297	10.080	0.236	10.087	0.335	10.096	0.441	10.102	0.487
8.183	1.132	8.191	0.973	8.200	0.788	8.209	0.656	10.110	0.447	10.120	0.388	10.127	0.236	10.140	-0.002
8.215	0.511	8.225	0.517	8.233	0.458	8.238	0.564	10.146	-0.227	10.157	-0.451	10.164	-0.696	10.174	-0.934
8.245	0.742	8.251	0.828	8.260	1.171	8.270	1.462	10.183	-1.125	10.192	-1.224	10.202	-1.271	10.212	-1.238
8.282	1.911	8.294	2.380	8.306	2.723	8.315	2.881	10.222	-1.146	10.231	-1.034	10.240	-0.902	10.250	-0.671
8.324	3.000	8.332	2.961	8.339	2.855	8.347	2.657	10.260	-0.354	10.272	0.009	10.282	0.279	10.295	0.609
8.354	2.439	8.363	2.188	8.373	1.923	8.383	1.600	10.308	0.985	10.319	1.361	10.330	1.777	10.340	2.094
8.394	1.210	8.405	0.787	8.417	0.298	8.426	-0.132	10.348	2.318	10.361	2.457	10.367	2.490	10.374	2.457
8.435	-0.330	8.446	-0.561	8.458	-0.852	8.466	-1.057	10.384	2.365	10.391	2.220	10.398	1.988	10.406	1.705
8.475	-1.176	8.483	-1.209	8.493	-1.157	8.500	-1.078	10.416	1.269	10.428	0.880	10.438	0.339	10.446	-0.208
8.510	-0.993	8.520	-0.815	8.527	-0.670	8.534	-0.479	10.456	-0.479	10.464	-0.802	10.467	-0.815	10.471	-0.808
8.544	-0.261	8.552	-0.044	8.562	0.187	8.569	0.418	10.480	-0.914	10.484	-0.887	10.487	-0.782	10.491	-0.643
8.580	0.638	8.589	0.925	8.600	1.189	8.604	1.373	10.509	-0.497	10.511	-0.411	10.519	-0.312	10.526	-0.180
8.613	1.498	8.621	1.544	8.626	1.504	8.634	1.359	10.534	-0.054	10.547	0.263	10.557	0.699	10.560	0.962
8.642	1.160	8.652	0.790	8.663	0.288	8.674	-0.142	10.584	1.022	10.588	1.061	10.592	1.081	10.597	1.094

10.603	1.087	10.607	1.067	10.613	1.040	10.617	1.001	12.483	1.497	12.493	1.496	12.503	1.476	12.520	1.417
10.622	0.901	10.625	0.762	10.632	0.663	10.638	0.518	12.536	1.390	12.551	1.337	12.558	1.317	12.567	1.277
10.645	0.392	10.650	0.260	10.653	0.187	10.656	0.127	12.583	1.125	12.602	0.967	12.614	0.848	12.629	0.742
10.662	0.068	10.667	0.028	10.673	-0.025	10.686	-0.131	12.645	-0.623	12.661	0.517	12.675	0.471	12.692	0.312
10.694	-0.177	10.702	-0.204	10.708	-0.217	10.719	-0.270	12.703	0.300	12.714	0.220	12.724	0.101	12.736	-0.064
10.725	-0.303	10.734	-0.395	10.742	-0.481	10.748	-0.573	12.749	-0.183	12.758	-0.288	12.769	-0.374	12.784	-0.480
10.754	-0.646	10.762	-0.679	10.765	-0.692	10.773	-0.692	12.800	-0.552	12.819	-0.651	12.840	-0.731	12.858	-0.790
10.782	-0.719	10.790	-0.738	10.794	-0.765	10.800	-0.732	12.872	-0.836	12.880	-0.902	12.889	-0.962	12.902	-1.061
10.809	-0.725	10.815	-0.745	10.828	-0.797	10.840	-0.857	12.915	-1.140	12.931	-1.213	12.938	-1.259	12.949	-1.312
10.847	-0.922	10.855	-0.968	10.861	-1.034	10.871	-1.192	12.958	-1.391	12.966	-1.477	13.009	-1.404	13.018	-1.565
10.878	-1.278	10.884	-1.403	10.891	-1.561	10.901	-1.759	12.992	-1.530	13.001	-1.477	13.009	-1.404	13.018	-1.565
10.910	-1.904	10.924	-2.129	10.931	-2.228	10.942	-2.353	13.030	-1.094	13.043	-0.863	13.058	-0.678	13.070	-0.533
10.949	-2.419	10.953	-2.472	10.962	-2.524	10.967	-2.544	13.078	-0.466	13.087	-0.420	13.096	-0.407	13.103	-0.407
10.970	-2.557	10.977	-2.544	10.989	-2.497	10.998	-2.392	13.108	-0.427	13.121	-0.486	13.129	-0.539	13.135	-0.552
11.008	-2.273	11.017	-2.127	11.026	-2.002	11.030	-1.896	13.140	-0.566	13.153	-0.546	13.159	-0.519	13.167	-0.480
11.039	-1.691	11.045	-1.526	11.055	-1.328	11.069	-1.024	13.178	-0.414	13.185	-0.381	13.190	-0.361	13.196	-0.361
11.076	-0.905	11.083	-0.819	11.090	-0.713	11.096	-0.680	13.203	-0.367	13.210	-0.374	13.220	-0.387	13.230	-0.394
11.104	-0.647	11.110	-0.620	11.117	-0.620	11.123	-0.587	13.237	-0.387	13.242	-0.334	13.250	-0.288	13.267	-0.024
11.128	-0.554	11.134	-0.481	11.139	-0.408	11.157	-0.157	13.290	-0.293	13.301	0.399	13.307	0.451	13.315	0.484
11.164	-0.071	11.168	-0.012	11.173	0.022	11.177	0.041	13.327	0.511	13.339	0.544	13.349	0.590	13.354	0.623
11.184	0.055	11.189	0.055	11.195	0.035	11.202	-0.004	13.373	0.768	13.382	0.807	13.389	0.820	13.394	0.820
11.207	-0.057	11.217	-0.123	11.226	-0.182	11.231	-0.215	13.400	0.794	13.406	0.747	13.412	0.675	13.429	0.450
11.238	-0.235	11.249	-0.221	11.255	-0.195	11.265	-0.122	13.440	0.331	13.448	0.278	13.453	0.238	13.458	0.225
11.275	0.004	11.287	0.156	11.295	0.314	11.303	0.499	13.463	0.211	13.470	0.218	13.482	0.231	13.495	0.263
11.313	0.737	11.324	1.127	11.345	1.788	11.353	1.947	13.504	0.290	13.516	0.296	13.526	0.290	13.533	0.283
11.364	2.066	11.366	2.138	11.371	2.185	11.376	2.211	13.541	0.263	13.549	0.224	13.564	0.177	13.576	0.125
11.409	1.729	11.419	1.550	11.426	1.339	11.433	1.144	13.584	0.078	13.594	0.006	13.602	-0.067	13.611	-0.120
11.468	0.955	11.449	0.797	11.456	0.664	11.462	0.572	13.584	-0.159	13.626	-0.179	13.627	-0.179	13.632	-0.186
11.493	0.512	11.502	0.492	11.508	0.591	11.517	0.762	13.619	-0.180	13.650	-0.173	13.660	-0.147	13.683	-0.035
11.530	0.993	11.547	1.336	11.557	1.468	11.565	1.534	13.763	0.036	13.777	-0.083	13.788	-0.103	13.805	-0.096
11.571	1.554	11.577	1.607	11.583	1.600	11.590	1.587	13.867	-0.300	13.879	-0.465	13.888	-0.544	13.898	-0.636
11.596	1.554	11.602	1.508	11.611	1.422	11.615	1.316	13.907	-0.676	13.919	-0.728	13.929	-0.780	13.938	-0.846
11.626	1.184	11.633	1.019	11.642	0.841	11.653	0.603	13.951	-0.898	13.960	-0.898	13.967	-0.832	13.977	-0.706
11.665	0.280	11.671	0.029	11.679	-0.195	11.686	-0.459	13.989	-0.547	14.001	-0.363	14.011	-0.224	14.023	-0.105
11.692	-0.763	11.705	-1.113	11.713	-1.330	11.720	-1.509	14.036	-0.065	14.054	-0.151	14.069	-0.277	14.085	-0.357
11.727	-1.614	11.733	-1.700	11.738	-1.726	11.742	-1.746	14.108	-0.411	14.127	-0.451	14.144	-0.504	14.160	-0.544
11.748	-1.732	11.756	-1.679	11.763	-1.553	11.775	-1.328	14.180	-0.524	14.194	-0.498	14.212	-0.445	14.225	-0.392
11.794	-0.558	11.813	-0.607	11.821	-0.488	11.826	-0.422	14.242	-0.306	14.259	-0.233	14.269	-0.147	14.292	0.012
11.831	-0.395	11.833	-0.389	11.842	-0.395	11.848	-0.442	14.309	0.124	14.326	0.104	14.337	0.005	14.352	-0.038
11.856	-0.527	11.868	-0.693	11.880	-0.884	11.888	-1.089	14.368	-0.134	14.380	-0.161	14.392	-0.221	14.411	-0.320
11.896	-1.274	11.908	-1.512	11.920	-1.816	11.930	-2.074	14.433	-0.393	14.447	-0.426	14.460	-0.420	14.475	-0.400
11.938	-2.246	11.948	-2.372	11.953	-2.418	11.958	-2.458	14.491	-0.348	14.505	-0.282	14.524	-0.282	14.537	-0.282
11.966	-2.472	11.978	-2.466	11.988	-2.433	11.995	-2.341	14.551	-0.255	14.567	-0.229	14.582	-0.196	14.594	-0.123
12.003	-2.255	12.008	-2.189	12.016	-2.064	12.021	-1.938	14.609	-0.064	14.619	-0.017	14.651	0.062	14.656	0.035
12.028	-1.767	12.039	-1.430	12.048	-1.193	12.057	-0.995	14.667	-0.064	14.684	-0.202	14.698	-0.367	14.717	-0.506
12.066	-0.843	12.076	-0.684	12.091	-0.486	12.100	-0.321	14.729	-0.592	14.747	-0.599	14.759	-0.566	14.777	-0.486
12.111	-0.216	12.121	-0.189	12.129	-0.156	12.145	-0.077	14.794	-0.381	14.804	-0.268	14.819	-0.162	14.832	-0.069
12.156	-0.011	12.165	0.095	12.172	0.161	12.185	0.359	14.848	-0.003	14.868	0.017	14.887	0.037	14.903	0.044
12.193	0.484	12.208	0.749	12.222	1.105	12.238	1.396	14.916	0.025	14.934	0.051	14.953	0.072	14.971	0.170
12.249	1.641	12.259	1.839	12.268	1.925	12.272	1.978	14.988	0.249	14.998	0.262	15.011	0.236	15.028	0.209
12.281	2.077	12.287	2.143	12.299	2.196	12.304	2.157	15.053	0.274	15.069	0.194	15.081	0.227	15.097	0.319
12.309	2.190	12.314	2.111	12.327	2.012	12.344	1.854	15.111	0.410	15.124	0.456	15.141	0.469	15.157	0.462
12.354	1.735	12.367	1.689	12.385	1.604	12.408	1.498	15.177	0.422	15.186	0.508	15.204	0.633	15.217	0.686
12.430	1.398	12.440	1.372	12.455	1.391	12.474	1.470	15.235	0.746	15.253	0.773	15.269	0.720	15.277	0.608

15.289	0.562	15.303	0.510	15.323	0.365	15.339	0.240	18.417	0.399	18.427	0.293	18.438	0.200	18.453	0.121
15.350	0.022	15.364	-0.024	15.378	0.022	15.390	0.101	18.470	0.108	18.488	0.095	18.500	0.121	18.510	0.187
15.404	0.193	15.419	0.325	15.439	0.305	15.445	0.311	18.520	0.240	18.534	0.286	18.553	0.385	18.560	0.326
15.464	0.291	15.486	0.245	15.495	0.146	15.515	0.007	18.573	0.220	18.588	0.115	18.596	-0.017	18.604	-0.150
15.530	-0.237	15.542	-0.487	15.558	-0.757	15.570	-0.882	18.615	-0.315	18.626	-0.466	18.635	-0.572	18.649	-0.691
15.587	-1.040	15.602	-1.145	15.613	-1.158	15.625	-1.144	18.671	-0.823	18.683	-0.869	18.694	-0.896	18.706	-0.962
15.642	-1.005	15.654	-0.866	15.663	-0.754	15.675	-0.635	18.722	-0.962	18.738	-0.942	18.761	-0.889	18.768	-0.935
15.686	-0.522	15.701	-0.482	15.715	-0.515	15.726	-0.567	18.787	-0.995	18.798	-1.028	18.810	-1.100	18.830	-1.021
15.741	-0.627	15.754	-0.660	15.771	-0.660	15.787	-0.693	18.842	-0.935	18.857	-0.929	18.867	-0.916	18.883	-0.916
15.806	-0.706	15.817	-0.693	15.836	-0.608	15.859	-0.596	18.890	-1.008	18.902	-1.061	18.922	-1.061	18.933	-1.048
15.873	-0.511	15.879	-0.590	15.895	-0.465	15.909	-0.320	18.949	-0.975	18.956	-0.962	18.971	-0.876	18.984	-0.777
15.920	-0.174	15.938	0.017	15.945	0.097	15.963	0.222	19.001	-0.612	19.007	-0.460	19.021	-0.381	19.028	-0.295
15.966	0.176	15.989	0.250	15.998	0.256	16.007	0.270	19.042	-0.288	19.054	-0.282	19.066	-0.295	19.081	-0.262
16.024	0.296	16.039	0.309	16.051	0.328	16.069	0.381	19.092	-0.275	19.109	-0.249	19.114	-0.275	19.133	-0.202
16.086	0.433	16.102	0.538	16.113	0.644	16.122	0.729	19.144	-0.077	19.154	-0.024	19.168	0.115	19.183	0.286
16.133	0.841	16.144	0.901	16.157	0.920	16.167	0.894	19.191	0.379	19.198	0.425	19.208	0.498	19.219	0.577
16.186	0.847	16.200	0.767	16.210	0.681	16.224	0.674	19.232	0.610	19.248	0.656	19.261	0.669	19.262	0.570
16.242	0.654	16.264	0.600	16.279	0.520	16.290	0.394	19.275	0.596	19.288	0.642	19.303	0.708	19.315	0.761
16.309	0.274	16.331	0.175	16.340	0.095	16.357	0.088	19.325	0.820	19.345	0.945	19.351	0.925	19.365	0.958
16.370	0.049	16.389	0.055	16.408	0.121	16.425	0.161	19.382	1.043	19.397	1.037	19.418	1.122	19.427	1.142
16.445	0.221	16.460	0.148	16.483	-0.010	16.498	-0.155	19.438	1.043	19.454	1.089	19.466	1.089	19.485	1.102
16.511	-0.326	16.523	-0.484	16.538	-0.674	16.549	-0.786	19.490	1.003	19.511	0.910	19.522	0.765	19.527	0.639
16.561	-0.803	16.579	-0.937	16.591	-1.010	16.603	-1.043	19.538	0.500	19.553	0.341	19.567	0.242	19.581	0.182
16.624	-1.003	16.634	-1.056	16.655	-1.062	16.670	-0.977	19.590	0.175	19.602	0.141	19.623	0.200	19.642	0.219
16.682	-0.879	16.695	-0.767	16.709	-0.649	16.722	-0.596	19.655	0.179	19.663	0.119	19.680	0.125	19.696	0.092
16.737	-0.544	16.752	-0.538	16.763	-0.545	16.776	-0.611	19.715	-0.014	19.727	-0.093	19.732	-0.225	19.755	-0.358
16.790	-0.691	16.806	-0.750	16.825	-0.803	16.845	-0.855	19.765	-0.384	19.780	-0.470	19.796	-0.509	19.805	-0.582
16.862	-0.862	16.879	-0.723	16.891	-0.610	16.903	-0.471	19.818	-0.662	19.823	-0.814	19.840	-0.913	19.851	-1.012
16.915	-0.326	16.930	-0.180	16.942	-0.074	16.958	-0.040	19.853	-1.118	19.878	-1.118	19.891	-1.105	19.900	-1.092
16.978	-0.033	16.993	-0.006	17.008	0.060	17.021	0.173	19.905	-1.106	19.916	-1.099	19.928	-1.099	19.939	-1.113
17.035	0.299	17.048	0.398	17.066	0.477	17.077	0.484	19.955	-1.093	19.966	-1.100	19.977	-1.107	19.995	-1.074
17.092	0.478	17.108	0.464	17.125	0.451	17.143	0.497	20.008	-1.061	20.024	-1.042	20.043	-0.930	20.050	-0.837
17.159	0.575	17.172	0.654	17.189	0.766	17.198	0.808	20.065	-0.699	20.070	-0.673	20.083	-0.534	20.095	-0.390
17.212	1.023	17.220	1.135	17.233	1.273	17.242	1.345	20.105	-0.344	20.123	-0.219	20.131	-0.134	20.144	-0.141
17.254	1.391	17.266	1.404	17.279	1.364	17.295	1.324	20.157	-0.108	20.169	-0.089	20.182	-0.003	20.197	0.102
17.314	1.192	17.326	1.066	17.341	0.934	17.357	0.808	20.209	0.214	20.220	0.293	20.232	0.366	20.247	0.432
17.373	0.709	17.386	0.623	17.403	0.570	17.423	0.465	20.264	0.511	20.282	0.636	20.291	0.722	20.305	0.808
17.434	0.399	17.449	0.326	17.467	0.227	17.483	0.147	20.321	0.900	20.336	0.887	20.353	0.894	20.372	0.966
17.495	0.094	17.508	0.014	17.521	-0.105	17.535	-0.257	20.386	0.953	20.402	1.046	20.420	1.026	20.430	0.907
17.545	-0.396	17.560	-0.541	17.570	-0.641	17.579	-0.674	20.441	0.769	20.458	0.630	20.474	0.623	20.501	0.531
17.590	-0.720	17.605	-0.721	17.617	-0.734	17.638	-0.826	20.508	0.530	20.533	0.583	20.543	0.503	20.561	0.615
17.655	-0.892	17.666	-0.938	17.679	-0.970	17.692	-0.970	20.566	0.536	20.578	0.542	20.594	0.516	20.606	0.429
17.708	-0.923	17.724	-0.877	17.738	-0.870	17.751	-0.909	20.619	0.310	20.635	0.131	20.647	0.025	20.664	-0.068
17.763	-0.962	17.778	-1.048	17.791	-1.101	17.804	-1.147	20.682	-0.207	20.700	-0.274	20.715	-0.373	20.728	-0.452
17.823	-1.121	17.841	-1.036	17.851	-0.970	17.864	-0.845	20.747	-0.532	20.767	-0.552	20.792	-0.585	20.797	-0.585
17.874	-0.719	17.884	-0.614	17.899	-0.495	17.914	-0.357	20.812	-0.651	20.836	-0.670	20.849	-0.756	20.874	-0.788
17.926	-0.238	17.936	-0.179	17.947	-0.146	17.959	-0.107	20.883	-0.815	20.905	-0.867	20.918	-0.973	20.929	-1.038
17.978	-0.106	17.989	-0.185	18.000	-0.192	18.012	-0.145	20.941	-1.084	20.956	-1.157	20.965	-1.216	20.989	-1.170
18.022	-0.066	18.035	-0.020	18.045	0.139	18.055	0.239	20.990	-1.170	21.011	-1.071	21.027	-0.953	21.037	-0.893
18.066	0.345	18.080	0.457	18.087	0.510	18.096	0.530	21.051	-0.828	21.057	-0.742	21.082	-0.604	21.097	-0.538
18.108	0.590	18.120	0.597	18.133	0.610	18.144	0.650	21.109	-0.459	21.121	-0.413	21.135	-0.340	21.152	-0.255
18.158	0.690	18.174	0.756	18.183	0.770	18.198	0.691	21.168	-0.189	21.174	-0.176	21.186	-0.070	21.198	0.002
18.211	0.645	18.227	0.619	18.243	0.639	18.255	0.626	21.211	0.082	21.231	0.220	21.245	0.385	21.256	0.465
18.267	0.560	18.281	0.481	18.298	0.441	18.304	0.401	21.269	0.537	21.278	0.577	21.293	0.597	21.315	0.564
18.317	0.441	18.333	0.454	18.352	0.493	18.359	0.545	21.329	0.584	21.339	0.531	21.362	0.637	21.374	0.651
18.374	0.572	18.382	0.571	18.397	0.597	18.404	0.505	21.375	0.631	21.396	0.697	21.408	0.764	21.431	0.890

21.435	0.930	21.460	1.069	21.474	1.090	21.485	1.037	24.500	0.149	24.467	0.221	24.479	0.314	24.490	0.407
21.504	0.925	21.515	0.747	21.535	0.655	21.547	0.530	24.509	0.473	24.513	0.559	24.523	0.638	24.536	0.704
21.563	0.932	21.578	0.286	21.598	0.187	21.611	0.134	24.547	0.744	24.558	0.771	24.568	0.797	24.580	0.758
21.628	0.160	21.640	0.167	21.656	0.219	21.668	0.259	24.589	0.739	24.601	0.693	24.611	0.614	24.619	0.581
21.682	0.212	21.701	0.133	21.709	0.000	21.720	0.105	24.627	0.508	24.635	0.456	24.646	0.390	24.664	0.278
21.747	-0.198	21.750	-0.278	21.760	-0.397	21.782	-0.503	24.674	0.246	24.685	0.233	24.694	0.233	24.704	0.253
21.785	-0.661	21.806	-0.760	21.814	-0.852	21.831	-0.931	24.719	0.333	24.730	0.399	24.744	0.446	24.755	0.506
21.854	-0.930	21.869	-0.936	21.882	-0.916	21.895	-0.942	24.766	0.506	24.781	0.467	24.792	0.415	24.803	0.329
21.913	-0.895	21.919	-0.862	21.939	-0.788	21.954	-0.801	24.817	0.237	24.828	0.145	24.842	0.034	24.856	-0.052
21.961	-0.926	21.981	-0.998	21.994	-1.051	22.012	-1.038	24.867	-0.117	24.881	-0.170	24.892	-0.202	24.904	-0.235
22.026	-1.005	22.041	-0.953	22.043	-0.966	22.058	-0.942	24.918	-0.241	24.940	-0.293	24.952	-0.352	24.968	-0.391
22.076	-0.762	22.087	-0.603	22.101	-0.472	22.114	-0.366	24.978	-0.451	24.990	-0.496	25.005	-0.542	25.017	-0.582
22.124	-0.300	22.144	-0.235	22.152	-0.162	22.161	-0.133	25.030	-0.601	25.044	-0.627	25.061	-0.653	25.077	-0.686
22.180	-0.090	22.199	-0.057	22.219	0.016	22.238	0.029	25.090	-0.699	25.100	-0.745	25.114	-0.771	25.127	-0.771
22.249	0.141	22.259	0.220	22.267	0.240	22.284	0.372	25.138	-0.771	25.150	-0.751	25.163	-0.725	25.178	-0.685
22.297	0.425	22.306	0.491	22.320	0.570	22.335	0.590	25.191	-0.619	25.208	-0.572	25.220	-0.519	25.242	-0.433
22.334	0.689	22.367	0.735	22.371	0.854	22.392	1.000	25.272	-0.394	25.290	-0.367	25.306	-0.301	25.318	-0.222
22.393	1.000	22.421	1.067	22.439	0.988	22.455	0.983	25.333	-0.130	25.343	-0.050	25.358	0.095	25.369	0.154
22.478	0.838	22.495	0.779	22.510	0.754	22.537	0.761	25.383	0.260	25.397	0.333	25.408	0.392	25.423	0.392
22.552	0.807	22.562	0.841	22.580	0.874	22.597	0.874	25.442	0.379	25.458	0.326	25.475	0.320	25.495	0.366
22.590	0.781	22.592	0.748	22.597	0.689	22.610	0.576	25.515	0.479	25.528	0.598	25.543	0.691	25.553	0.784
22.620	0.431	22.630	0.332	22.640	0.259	22.648	0.213	25.562	0.863	25.574	0.890	25.584	0.989	25.594	1.015
22.657	0.193	22.665	0.186	22.671	0.186	22.677	0.193	25.606	1.022	25.620	0.976	25.633	0.904	25.646	0.806
22.693	0.213	22.705	0.213	22.719	0.195	22.731	0.166	25.659	0.745	25.669	0.661	25.684	0.543	25.695	0.470
22.744	0.100	22.757	0.041	22.772	0.045	22.783	0.092	25.704	0.425	25.716	0.379	25.729	0.307	25.744	0.261
22.799	-0.184	22.810	-0.230	22.824	-0.316	22.842	-0.361	25.761	0.255	25.777	0.288	25.795	0.296	25.809	0.256
22.859	-0.407	22.872	-0.486	22.882	-0.539	22.894	-0.544	25.822	-0.204	25.837	0.132	25.851	0.059	25.864	-0.007
22.906	-0.762	22.917	-0.868	22.927	-0.953	22.938	-1.052	25.855	-0.099	25.886	-0.184	25.899	-0.270	25.911	-0.343
22.933	-1.131	22.965	-1.137	22.973	-1.137	22.987	-1.084	25.922	-0.428	25.935	-0.494	25.950	-0.573	25.962	-0.619
23.001	-0.991	23.014	-0.912	23.021	-0.859	23.035	-0.759	25.975	-0.632	25.990	-0.619	25.998	-0.592	26.010	-0.566
23.048	-0.726	23.060	-0.712	23.071	-0.771	23.082	-0.811	26.027	-0.513	26.040	-0.506	26.055	-0.552	26.069	-0.632
23.096	-0.870	23.104	-0.870	23.116	-0.876	23.130	-0.856	26.082	-0.717	26.096	-0.797	26.111	-0.843	26.127	-0.863
23.142	-0.789	23.153	-0.717	23.167	-0.637	23.181	-0.564	26.138	-0.849	26.148	-0.830	26.162	-0.777	26.172	-0.691
23.196	-0.484	23.208	-0.425	23.227	-0.319	23.243	-0.279	26.182	-0.618	26.195	-0.506	26.205	-0.394	26.217	-0.301
23.256	-0.265	23.267	-0.232	23.281	-0.146	23.291	-0.087	26.228	-0.208	26.237	-0.175	26.248	-0.162	26.261	-0.175
23.351	0.311	23.371	0.351	23.389	0.364	23.409	0.371	26.269	-0.208	26.279	-0.228	26.294	-0.274	26.313	-0.280
23.429	0.365	23.448	0.425	23.467	0.492	23.480	0.618	26.328	-0.260	26.345	-0.221	26.361	-0.174	26.372	-0.121
23.498	0.717	23.513	0.777	23.525	0.810	23.543	0.798	26.385	-0.062	26.396	0.005	26.405	0.064	26.423	0.190
23.561	0.772	23.579	0.746	23.598	0.746	23.616	0.754	26.434	-0.243	26.445	0.336	26.458	0.402	26.472	0.468
23.631	0.767	23.648	0.728	23.659	0.728	23.668	0.676	26.483	0.521	26.500	0.574	26.516	0.594	26.535	0.621
23.680	0.603	23.689	0.544	23.698	0.472	23.706	0.399	26.551	0.628	26.565	0.628	26.581	0.608	26.598	0.569
23.718	0.314	23.726	0.261	23.736	0.255	23.746	0.196	26.613	0.569	26.628	0.563	26.645	0.616	26.656	0.675
23.760	0.189	23.768	0.156	23.783	0.170	23.793	0.117	26.668	0.688	26.681	0.715	26.697	0.702	26.707	0.662
23.805	0.065	23.818	0.005	23.834	-0.074	23.846	-0.120	26.725	0.564	26.737	0.531	26.749	0.471	26.762	0.432
23.856	-0.152	23.866	-0.192	23.879	-0.244	23.890	-0.317	26.775	0.419	26.787	0.406	26.803	0.406	26.820	0.426
23.906	-0.435	23.914	-0.501	23.925	-0.574	23.936	-0.653	26.840	0.406	26.851	0.353	26.862	0.281	26.869	0.208
23.947	-0.659	23.959	-0.672	23.974	-0.672	24.003	-0.645	26.877	0.155	26.887	0.070	26.898	-0.042	26.907	-0.141
24.020	-0.651	24.038	-0.604	24.056	-0.551	24.075	-0.497	26.917	-0.247	26.925	-0.313	26.935	-0.379	26.945	-0.451
24.092	-0.484	24.101	-0.484	24.116	-0.523	24.130	-0.509	26.958	-0.458	26.972	-0.457	26.987	-0.424	27.007	-0.397
24.140	-0.661	24.152	-0.740	24.167	-0.786	24.182	-0.766	27.024	-0.390	27.040	-0.397	27.047	-0.403	27.064	-0.429
24.196	-0.772	24.208	-0.746	24.220	-0.752	24.235	-0.712	27.077	-0.449	27.084	-0.456	27.094	-0.502	27.103	-0.554
24.246	-0.666	24.260	-0.567	24.270	-0.501	24.280	-0.421	27.124	-0.739	27.137	-0.844	27.147	-0.910	27.161	-0.995
24.290	-0.322	24.302	-0.249	24.313	-0.176	24.324	-0.136	27.176	-1.054	27.193	-1.127	27.208	-1.179	27.219	-1.205
24.335	-0.116	24.349	-0.103	24.366	-0.096	24.384	-0.103	27.233	-1.185	27.246	-1.092	27.259	-0.953	27.273	-0.841
24.398	-0.103	24.416	-0.063	24.433	0.003	24.450	0.076	27.283	-1.185	27.292	-0.642	27.301	-0.589	27.316	-0.536
								27.332	-0.522	27.351	-0.522	27.369	-0.521	27.390	-0.488

27.409	-0.428	27.424	-0.341	27.437	-0.222	27.447	-0.149	30.757	0.331	30.772	0.325	30.792	0.332	30.807	0.332
27.461	-0.004	27.469	0.082	27.477	0.162	27.484	0.254	30.823	0.326	30.838	0.340	30.854	0.367	30.868	0.401
27.492	0.314	27.504	0.420	27.512	0.499	27.522	0.572	30.883	0.421	30.900	0.428	30.918	0.396	30.930	0.343
27.529	0.645	27.548	0.750	27.567	0.777	27.571	0.783	30.942	0.304	30.953	0.245	30.965	0.186	30.978	0.140
27.582	0.790	27.600	0.803	27.614	0.816	27.627	0.836	30.993	0.068	31.002	0.029	31.015	-0.050	31.030	-0.102
27.644	0.849	27.659	0.816	27.674	0.803	27.688	0.783	31.045	-0.168	31.063	-0.187	31.077	-0.186	31.092	-0.152
27.706	0.783	27.723	0.803	27.736	0.850	27.748	0.909	31.108	-0.119	31.122	-0.105	31.139	-0.098	31.162	-0.103
27.763	0.949	27.778	0.982	27.794	0.989	27.810	0.943	31.177	-0.096	31.194	-0.115	31.210	-0.147	31.219	-0.167
27.821	0.864	27.832	0.804	27.841	0.738	27.849	0.686	31.231	-0.219	31.245	-0.251	31.265	-0.251	31.269	-0.238
27.858	0.639	27.866	0.580	27.875	0.501	27.885	0.429	31.302	-0.204	31.317	-0.184	31.333	-0.158	31.349	-0.131
27.893	0.363	27.906	0.291	27.918	0.199	27.931	0.107	31.360	-0.111	31.371	-0.071	31.381	-0.051	31.394	-0.025
27.953	-0.011	27.963	-0.077	27.979	-0.142	27.991	-0.201	31.410	-0.011	31.422	-0.037	31.432	-0.057	31.442	-0.090
28.005	-0.273	28.017	-0.345	28.032	-0.444	28.043	-0.490	31.457	-0.110	31.473	-0.096	31.488	-0.076	31.501	-0.043
28.056	-0.542	28.069	-0.555	28.085	-0.588	28.103	-0.641	31.513	-0.003	31.526	0.049	31.548	0.063	31.569	0.070
28.117	-0.693	28.130	-0.732	28.145	-0.792	28.162	-0.838	31.579	0.103	31.594	0.136	31.609	0.202	31.623	0.275
28.177	-0.870	28.190	-0.864	28.207	-0.863	28.224	-0.856	31.633	0.308	31.648	0.322	31.659	0.322	31.675	0.303
28.237	-0.823	28.250	-0.790	28.265	-0.744	28.281	-0.684	31.693	0.277	31.706	0.277	31.718	0.278	31.734	0.298
28.298	-0.651	28.311	-0.612	28.325	-0.579	28.337	-0.546	31.757	0.318	31.775	0.319	31.796	0.339	31.813	0.366
28.352	-0.506	28.369	-0.453	28.384	-0.407	28.394	-0.348	31.830	0.399	31.855	0.407	31.873	0.361	31.891	0.302
28.410	-0.262	28.422	-0.169	28.434	-0.083	28.449	-0.004	31.910	0.217	31.926	0.125	31.948	0.079	31.967	0.106
28.462	0.049	28.483	0.116	28.504	0.208	28.526	0.308	31.983	0.093	31.997	0.067	32.009	0.054	32.038	0.074
28.540	0.361	28.556	0.394	28.572	0.434	28.591	0.507	32.048	0.107	32.060	0.147	32.073	0.174	32.086	0.201
28.602	0.560	28.614	0.606	28.626	0.620	28.645	0.647	32.100	0.240	32.114	0.227	32.129	0.175	32.141	0.076
28.668	0.700	28.692	0.714	28.708	0.748	28.722	0.775	32.153	-0.023	32.166	-0.168	32.176	-0.260	32.186	-0.366
28.736	0.815	28.750	0.881	28.765	0.915	28.782	0.935	32.198	-0.478	32.211	-0.557	32.223	-0.609	32.233	-0.642
28.795	0.916	28.810	0.844	28.821	0.778	28.836	0.713	32.245	-0.642	32.263	-0.609	32.277	-0.523	32.292	-0.417
28.849	0.673	28.863	0.575	28.877	0.535	28.890	0.450	32.299	-0.337	32.312	-0.251	32.326	-0.152	32.340	-0.026
28.899	0.450	28.916	0.345	28.925	0.299	28.941	0.220	32.356	0.040	32.379	0.034	32.394	-0.026	32.411	-0.092
28.957	0.168	28.974	0.122	28.987	0.076	29.002	0.017	32.436	-0.098	32.449	-0.079	32.467	-0.039	32.483	0.027
29.017	-0.042	29.030	-0.061	29.046	-0.094	29.061	-0.146	32.501	0.073	32.514	0.159	32.530	0.252	32.544	0.318
29.076	-0.212	29.090	-0.337	29.102	-0.409	29.118	-0.488	32.562	0.324	32.574	0.265	32.591	0.192	32.602	0.152
29.128	-0.580	29.141	-0.653	29.156	-0.692	29.177	-0.658	32.615	0.105	32.634	0.059	32.651	0.045	32.674	0.051
29.190	-0.697	29.203	-0.664	29.219	-0.598	29.233	-0.558	32.689	0.078	32.707	0.130	32.725	0.216	32.741	0.314
29.249	-0.504	29.265	-0.458	29.292	-0.470	29.311	-0.529	32.755	0.439	32.770	0.578	32.787	0.696	32.807	0.729
29.326	-0.575	29.344	-0.620	29.362	-0.627	29.381	-0.567	32.824	0.663	32.838	0.570	32.853	0.477	32.865	0.398
29.398	-0.494	29.417	-0.415	29.433	-0.335	29.448	-0.236	32.875	0.285	32.888	0.193	32.900	0.113	32.916	0.040
29.463	-0.144	29.474	-0.064	29.485	-0.015	29.496	0.075	32.926	0.020	32.941	0.040	32.958	0.079	32.977	0.112
29.513	0.101	29.528	0.128	29.542	0.141	29.558	0.207	33.000	0.191	33.030	0.269	33.057	0.269	33.077	0.236
29.574	0.240	29.593	0.300	29.612	0.313	29.630	0.340	33.094	0.189	33.115	0.123	33.138	0.063	33.162	-0.056
29.644	0.380	29.661	0.446	29.676	0.545	29.695	0.644	33.185	-0.149	33.201	-0.188	33.220	-0.188	33.235	-0.136
29.708	0.677	29.722	0.724	29.737	0.737	29.756	0.764	33.258	-0.116	33.278	-0.103	33.296	-0.031	33.318	0.089
29.773	0.751	29.794	0.751	29.814	0.732	29.830	0.666	33.342	0.089	33.355	0.009	33.376	-0.089	33.393	-0.142
29.848	0.633	29.867	0.627	29.878	0.627	29.891	0.621	33.418	-0.129	33.443	-0.109	33.462	-0.122	33.478	-0.141
29.904	0.601	29.918	0.522	29.934	0.437	29.952	0.364	33.498	-0.128	33.520	-0.009	33.538	0.090	33.553	0.157
29.971	0.292	29.987	0.213	30.002	0.160	30.022	0.074	33.572	0.210	33.593	0.230	33.607	0.243	33.627	0.223
30.035	0.022	30.052	-0.011	30.062	-0.077	30.078	-0.110	33.667	0.138	33.667	0.085	33.691	0.079	33.719	0.085
30.089	-0.110	30.105	-0.150	30.122	-0.163	30.133	-0.209	33.736	0.099	33.751	0.112	33.768	0.139	33.785	0.178
30.147	-0.249	30.158	-0.268	30.175	-0.288	30.191	-0.301	33.808	0.238	33.831	0.265	33.850	0.278	33.873	0.312
30.203	-0.308	30.215	-0.301	30.230	-0.315	30.251	-0.387	33.893	0.392	33.913	0.452	33.930	0.472	33.957	0.300
30.267	-0.440	30.289	-0.493	30.308	-0.519	30.318	-0.512	33.977	0.361	33.996	0.316	34.012	0.257	34.029	0.158
30.335	-0.512	30.353	-0.504	30.372	-0.464	30.389	-0.405	34.046	0.079	34.065	0.027	34.080	-0.019	34.087	-0.018
30.403	-0.358	30.420	-0.278	30.438	-0.199	30.450	-0.165	34.098	-0.005	34.117	-0.011	34.135	0.043	34.158	0.109
30.463	-0.086	30.475	-0.032	30.492	0.028	30.513	0.068	34.181	0.196	34.204	0.263	34.219	0.289	34.242	0.330
30.536	0.116	30.558	0.157	30.581	0.164	30.604	0.166	34.265	0.304	34.279	0.258	34.300	0.160	34.322	0.061
30.621	0.160	30.640	0.181	30.655	0.261	30.668	0.314	34.345	0.029	34.367	0.016	34.387	-0.049	34.406	-0.108
30.683	0.354	30.701	0.375	30.723	0.369	30.743	0.343	34.426	-0.114	34.447	-0.094	34.473	-0.034	34.511	-0.020

34.531	0.001	34.555	0.022	34.580	0.022	34.599	0.063	37.586	0.045	37.700	0.065	37.713	0.079	37.726	0.099
34.612	0.090	34.624	0.130	34.634	0.163	34.642	0.176	37.738	0.112	37.753	0.146	37.770	0.193	37.785	0.236
★34.655	0.210	34.663	0.217	34.671	0.229	34.676	0.222	37.799	0.260	37.816	0.273	37.833	0.274	37.849	0.288
34.695	0.208	34.709	0.193	34.724	0.179	34.737	0.151	37.863	0.255	37.877	0.238	37.892	0.258	37.907	0.211
34.752	0.110	34.762	0.090	34.775	0.069	34.788	0.074	37.923	0.211	37.939	0.238	37.953	0.254	37.967	0.212
34.802	0.100	34.818	0.111	34.833	0.143	34.850	0.175	37.981	0.286	37.996	0.273	38.012	0.254	38.029	0.241
34.862	0.193	34.879	0.206	34.895	0.232	34.912	0.266	38.047	0.242	38.064	0.229	38.082	0.236	38.099	0.250
34.924	0.286	34.940	0.293	34.954	0.300	34.967	0.293	38.116	0.244	38.132	0.231	38.147	0.212	38.162	0.180
34.978	0.280	34.988	0.261	35.000	0.228	35.010	0.182	38.179	0.148	38.195	0.115	38.212	0.103	38.225	0.110
35.022	0.156	35.032	0.130	35.045	0.104	35.058	0.071	38.240	0.124	38.255	0.131	38.272	0.118	38.285	0.103
35.068	0.045	35.076	0.025	35.083	0.012	35.093	0.012	38.295	0.073	38.308	0.028	38.320	-0.005	38.333	-0.037
35.101	0.026	35.113	0.065	35.127	0.119	35.139	0.152	38.347	-0.056	38.362	-0.075	38.377	-0.094	38.394	-0.107
35.151	0.165	35.163	0.159	35.174	0.146	35.186	0.126	38.413	-0.112	38.432	-0.105	38.454	-0.104	38.476	-0.116
35.197	0.107	35.210	0.087	35.223	0.094	35.237	0.108	38.493	-0.108	38.508	-0.088	38.523	-0.081	38.536	-0.047
35.247	0.141	35.260	0.174	35.276	0.214	35.290	0.241	38.547	-0.007	38.559	0.014	38.572	0.041	38.584	0.055
35.305	0.255	35.314	0.261	35.325	0.242	35.336	0.209	38.598	0.049	38.611	0.036	38.623	0.010	38.638	-0.009
35.348	0.156	35.363	0.089	35.379	0.017	35.391	-0.030	38.654	-0.015	38.667	0.006	38.683	0.013	38.700	-0.007
35.408	-0.050	35.422	-0.050	35.436	-0.056	35.449	-0.096	38.716	0.094	38.734	0.114	38.749	0.135	38.764	0.149
35.462	-0.123	35.476	-0.149	35.491	-0.143	35.504	-0.123	38.780	0.162	38.795	0.176	38.810	0.190	38.825	0.210
35.519	-0.077	35.531	-0.024	35.543	0.056	35.556	0.128	38.841	0.237	38.855	0.278	38.870	0.311	38.887	0.332
35.569	0.195	35.581	0.248	35.594	0.287	35.608	0.308	38.900	0.332	38.909	0.313	38.927	0.280	38.941	0.241
35.619	0.314	35.629	0.268	35.639	0.216	35.649	0.156	38.956	0.215	38.968	0.196	38.979	0.190	38.992	0.197
35.659	0.084	35.670	0.025	35.684	-0.035	35.700	-0.074	39.008	0.217	39.018	0.224	39.038	0.244	39.054	0.232
35.714	-0.067	35.729	-0.027	35.746	0.032	35.763	0.079	39.070	0.219	39.088	0.193	39.108	0.181	39.126	0.168
35.781	0.132	35.797	0.165	35.813	0.179	35.830	0.173	39.143	0.148	39.158	0.129	39.172	0.110	39.188	0.103
35.846	0.160	35.863	0.133	35.876	0.114	35.893	0.114	39.207	0.084	39.223	0.058	39.238	0.025	39.256	0.012
35.909	0.108	35.926	0.075	35.941	0.049	35.958	0.029	39.271	0.026	39.284	0.026	39.299	0.053	39.311	0.093
35.974	0.036	35.989	0.076	36.002	0.122	36.013	0.175	39.326	0.067	39.342	0.054	39.355	0.041	39.370	0.015
36.029	0.234	36.043	0.274	36.056	0.301	36.068	0.307	39.381	-0.011	39.392	-0.030	39.405	-0.083	39.418	-0.116
36.078	0.294	36.091	0.268	36.103	0.222	36.117	0.169	39.435	-0.135	39.446	-0.148	39.461	-0.128	39.474	-0.101
36.129	0.117	36.141	0.064	36.154	0.032	36.168	0.005	39.488	-0.081	39.505	-0.054	39.521	-0.034	39.536	-0.020
36.182	-0.007	36.194	-0.000	36.207	0.013	36.222	0.027	39.553	-0.006	39.567	0.014	39.578	0.021	39.592	0.035
36.236	0.034	36.251	0.047	36.264	0.054	36.278	0.068	39.602	0.042	39.619	0.050	39.633	0.051	39.649	0.058
36.294	0.088	36.302	0.102	36.312	0.108	36.323	0.096	39.664	0.072	39.676	0.086	39.692	0.093	39.707	0.081
36.339	0.076	36.351	0.037	36.364	0.011	36.378	-0.015	39.723	0.082	39.738	0.089	39.753	0.130	39.765	0.150
36.393	-0.027	36.411	-0.033	36.431	-0.053	36.446	-0.065	39.781	0.197	39.793	0.217	39.808	0.218	39.823	0.219
36.461	-0.085	36.475	-0.058	36.489	-0.018	36.506	0.036	39.834	0.206	39.849	0.207	39.865	0.195	39.879	0.195
36.525	0.076	36.539	0.096	36.555	0.090	36.570	0.090	39.893	0.209	39.906	0.230	39.919	0.244	39.936	0.244
36.587	0.084	36.600	0.097	36.615	0.104	36.631	0.092	39.946	0.277	39.957	0.291	39.970	0.311	39.984	0.332
36.650	0.079	36.666	0.073	36.681	0.086	36.696	0.106	39.997	0.312	40.009	0.286	40.022	0.253	40.032	0.227
36.708	0.153	36.721	0.173	36.731	0.193	36.746	0.193	40.047	0.201	40.059	0.182	40.074	0.150	40.087	0.143
36.761	0.206	36.776	0.220	36.794	0.233	36.809	0.240	40.102	0.124	40.116	0.131	40.130	0.132	40.143	0.152
36.824	0.247	36.839	0.261	36.856	0.267	36.871	0.274	40.156	0.172	40.170	0.192	40.185	0.206	40.195	0.220
36.883	0.268	36.899	0.255	36.914	0.242	36.928	0.222	40.212	0.246	40.226	0.267	40.236	0.267	40.248	0.254
36.941	0.209	36.951	0.190	36.963	0.197	36.976	0.217	40.259	0.235	40.273	0.196	40.285	0.156	40.299	0.130
36.994	0.243	37.015	0.283	37.036	0.257	37.051	0.304	40.314	0.085	40.331	0.052	40.345	0.019	40.360	0.000
37.067	0.291	37.083	0.265	37.103	0.245	37.123	0.206	40.375	-0.013	40.389	-0.012	40.404	0.001	40.419	0.008
37.137	0.154	37.154	0.167	37.173	0.161	37.189	0.175	40.432	0.015	40.448	0.035	40.460	0.029	40.475	0.016
37.208	0.162	37.223	0.143	37.237	0.103	37.253	0.077	40.492	-0.010	40.508	-0.029	40.524	-0.049	40.538	-0.055
37.276	0.071	37.297	0.065	37.312	0.033	37.329	-0.020	40.551	-0.048	40.564	-0.041	40.579	-0.035	40.597	-0.034
37.344	-0.066	37.359	-0.111	37.375	-0.164	37.388	-0.183	40.614	-0.027	40.628	-0.034	40.643	-0.001	40.659	-0.000
37.404	-0.196	37.421	-0.195	37.436	-0.181	37.451	-0.148	40.676	-0.000	40.694	0.007	40.711	0.007	40.730	0.007
37.464	-0.101	37.477	-0.055	37.491	-0.021	37.508	0.019	40.752	0.008	40.772	0.021	40.795	0.015	40.815	0.029
37.520	0.033	37.536	0.053	37.547	0.040	37.559	0.014	40.835	0.042	40.855	0.062	40.870	0.096	40.889	0.116
37.574	-0.012	37.589	-0.025	37.604	-0.031	37.620	-0.024	40.906	0.129	40.921	0.130	40.935	0.117	40.951	0.090
37.633	-0.010	37.644	0.004	37.658	0.024	37.673	0.031	40.969	0.084	40.984	0.091	41.001	0.118	41.019	0.131

41.036	0.132	41.053	0.112	41.070	0.099	41.086	0.126	44.643	-0.013	44.661	0.000	44.675	0.014	44.695	0.035
41.098	0.139	41.113	0.166	41.129	0.179	41.148	0.186	44.713	0.035	44.728	0.055	44.743	0.063	44.757	0.063
41.164	0.193	41.181	0.200	41.196	0.213	41.214	0.227	44.769	0.057	44.781	0.051	44.790	0.052	44.808	0.052
41.226	0.227	41.240	0.221	41.253	0.208	41.267	0.188	44.825	0.046	44.837	0.067	44.853	0.087	44.869	0.108
41.281	0.169	41.300	0.169	41.320	0.156	41.338	0.143	44.885	0.135	44.903	0.155	44.918	0.189	44.933	0.216
41.359	0.131	41.378	0.131	41.393	0.158	41.407	0.171	44.949	0.224	44.970	0.238	44.982	0.232	44.999	0.226
41.423	0.178	41.442	0.179	41.457	0.146	41.475	0.147	45.017	0.227	45.037	0.228	45.052	0.229	45.068	0.223
41.495	0.141	41.512	0.154	41.527	0.128	41.540	0.096	45.084	0.211	45.102	0.212	45.117	0.219	45.132	0.206
41.555	0.070	41.570	0.051	41.592	0.045	41.612	0.045	45.148	0.207	45.163	0.188	45.177	0.175	45.193	0.156
41.635	0.039	41.656	0.034	41.673	0.041	41.695	0.055	45.211	0.163	45.227	0.164	45.242	0.145	45.257	0.132
41.717	0.075	41.736	0.096	41.754	0.116	41.773	0.123	45.274	0.126	45.289	0.133	45.303	0.141	45.317	0.154
41.789	0.130	41.811	0.151	41.829	0.165	41.847	0.159	45.332	0.162	45.343	0.149	45.356	0.130	45.372	0.104
41.864	0.146	41.882	0.127	41.902	0.168	41.921	0.102	45.389	0.065	45.407	0.046	45.423	0.027	45.438	0.007
41.941	0.102	41.961	0.103	41.979	0.103	41.998	0.130	45.454	-0.012	45.468	-0.038	45.484	-0.050	45.499	-0.069
42.016	0.157	42.034	0.170	42.051	0.171	42.067	0.171	45.514	-0.062	45.528	-0.035	45.547	-0.041	45.562	-0.013
42.087	0.178	42.104	0.165	42.119	0.159	42.134	0.120	45.575	0.000	45.589	0.014	45.604	0.042	45.618	0.042
42.148	0.100	42.164	0.068	42.179	0.048	42.195	0.036	45.628	0.056	45.645	0.070	45.658	0.077	45.672	0.072
42.210	0.049	42.226	0.063	42.243	0.083	42.261	0.110	45.686	0.066	45.702	0.066	45.718	0.054	45.735	0.055
42.276	0.130	42.290	0.144	42.306	0.157	42.324	0.151	45.750	0.049	45.770	0.049	45.788	0.057	45.806	0.064
42.341	0.125	42.358	0.099	42.375	0.060	42.394	0.035	45.822	0.078	45.838	0.091	45.853	0.112	45.869	0.119
42.413	-0.011	42.431	-0.049	42.446	-0.069	42.458	-0.081	45.883	0.133	45.898	0.140	45.913	0.160	45.928	0.166
42.468	-0.074	42.485	-0.060	42.502	-0.033	42.519	-0.006	45.940	0.160	45.955	0.134	45.968	0.108	45.982	0.108
42.535	0.047	42.551	0.088	42.564	0.101	42.578	0.122	45.997	0.089	46.011	0.109	46.025	0.115	46.042	0.122
42.591	0.136	42.606	0.149	42.623	0.150	42.638	0.131	46.056	0.129	46.069	0.136	46.083	0.150	46.098	0.170
42.652	0.118	42.669	0.093	42.684	0.073	42.699	0.054	46.111	0.183	46.122	0.190	46.133	0.177	46.144	0.177
42.714	0.028	42.729	0.022	42.744	0.036	42.761	0.050	46.154	0.178	46.167	0.165	46.184	0.158	46.199	0.165
42.776	0.077	42.793	0.118	42.811	0.158	42.829	0.192	46.212	0.166	46.227	0.173	46.242	0.179	46.259	0.173
42.844	0.206	42.860	0.220	42.875	0.227	42.892	0.228	46.274	0.173	46.286	0.173	46.302	0.193	46.317	0.207
42.907	0.215	42.925	0.202	42.939	0.190	42.955	0.177	46.334	0.220	46.349	0.227	46.369	0.200	46.389	0.154
42.972	0.171	42.989	0.159	43.010	0.153	43.024	0.154	46.401	0.121	46.410	0.108	46.419	0.095	46.430	0.088
43.040	0.168	43.059	0.182	43.077	0.196	43.094	0.203								
43.108	0.197	43.121	0.191	43.138	0.178	43.153	0.158								
43.171	0.132	43.189	0.126	43.206	0.113	43.221	0.113								
43.237	0.126	43.252	0.140	43.267	0.127	43.284	0.107								
43.300	0.075	43.317	0.049	43.330	0.035	43.346	0.016								
43.362	0.003	43.379	-0.017	43.394	-0.030	43.409	-0.043								
43.425	-0.043	43.444	-0.036	43.458	-0.029	43.475	-0.016								
43.494	0.004	43.509	0.024	43.525	0.044	43.539	0.078								
43.552	0.091	43.564	0.085	43.577	0.059	43.591	0.019								
43.607	-0.013	43.622	-0.033	43.639	-0.052	43.655	-0.045								
43.670	-0.031	43.685	-0.018	43.700	0.002	43.714	0.049								
43.731	0.083	43.747	0.110	43.767	0.130	43.778	0.137								
43.790	0.144	43.802	0.151	43.820	0.138	43.838	0.132								
43.853	0.113	43.869	0.094	43.886	0.081	43.903	0.068								
43.921	0.069	43.937	0.089	43.951	0.103	43.965	0.123								
43.980	0.157	43.993	0.183	44.007	0.204	44.023	0.224								
44.037	0.225	44.049	0.225	44.064	0.206	44.080	0.186								
44.096	0.180	44.113	0.174	44.127	0.181	44.143	0.182								
44.159	0.190	44.179	0.190	44.199	0.190	44.219	0.204								
44.234	0.198	44.247	0.179	44.266	0.153	44.281	0.127								
44.293	0.107	44.309	0.095	44.322	0.082	44.339	0.069								
44.354	0.050	44.367	0.031	44.382	0.005	44.394	-0.015								
44.408	-0.008	44.422	0.006	44.436	0.020	44.449	0.020								
44.462	0.034	44.478	0.021	44.493	0.021	44.504	0.009								
44.518	-0.017	44.531	-0.030	44.546	-0.043	44.564	-0.056								
44.579	-0.068	44.593	-0.061	44.610	-0.041	44.627	-0.027								
44.643	-0.013	44.661	0.000	44.675	0.014	44.695	0.035								

553E

46.405 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.6866 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.044	0.011	0.115	0.018	0.173	0.027	0.231	1.264	-0.345	1.273	-0.442	1.279	-0.481	1.282	-0.520
0.033	0.283	0.038	0.309	0.044	0.309	0.054	0.296	1.292	-0.553	1.302	-0.521	1.311	-0.483	1.317	-0.424
0.062	0.231	0.068	0.179	0.074	0.140	0.077	0.101	1.324	-0.347	1.330	-0.256	1.330	-0.179	1.333	-0.095
0.089	0.062	0.089	0.062	0.097	0.062	0.104	0.062	1.347	-0.036	1.353	0.015	1.359	0.060	1.367	0.092
0.109	0.069	0.118	0.075	0.124	0.075	0.132	0.101	1.377	0.118	1.385	0.105	1.395	0.085	1.403	0.065
0.142	0.062	0.148	0.036	0.155	-0.036	0.162	-0.101	1.415	-0.052	1.425	0.091	1.434	0.168	1.447	0.214
0.173	-0.152	0.178	-0.178	0.182	-0.185	0.191	-0.198	1.452	0.278	1.460	0.317	1.469	0.349	1.478	0.323
0.200	-0.166	0.207	-0.134	0.216	-0.108	0.223	-0.082	1.486	0.297	1.491	0.271	1.497	0.238	1.501	0.206
0.231	-0.109	0.241	-0.148	0.250	-0.187	0.263	-0.187	1.508	0.193	1.520	0.225	1.529	0.264	1.533	0.296
0.279	-0.220	0.279	-0.220	0.288	-0.247	0.294	-0.266	1.542	0.328	1.554	0.289	1.561	0.244	1.568	0.185
0.301	-0.280	0.310	-0.260	0.319	-0.222	0.324	-0.183	1.576	0.101	1.583	0.042	1.589	-0.003	1.598	-0.042
0.331	-0.144	0.339	-0.099	0.347	-0.074	0.355	-0.042	1.606	0.062	1.615	-0.036	1.628	0.016	1.637	0.055
0.364	-0.010	0.374	-0.010	0.383	-0.037	0.393	-0.057	1.646	0.100	1.654	0.119	1.664	0.144	1.671	0.118
0.402	-0.077	0.410	-0.090	0.422	-0.065	0.433	-0.007	1.678	0.060	1.684	-0.031	1.690	-0.155	1.696	-0.258
0.446	0.031	0.456	0.096	0.468	0.160	0.473	0.219	1.703	-0.388	1.709	-0.499	1.716	-0.609	1.722	-0.668
0.485	0.244	0.493	0.263	0.502	0.270	0.509	0.262	1.731	-0.713	1.739	-0.687	1.745	-0.635	1.752	-0.532
0.519	0.263	0.524	0.230	0.529	0.191	0.534	0.178	1.759	-0.441	1.762	-0.363	1.771	-0.259	1.776	-0.182
0.539	0.152	0.550	0.132	0.556	0.113	0.568	0.112	1.782	-0.143	1.790	-0.104	1.796	-0.130	1.807	-0.182
0.577	0.112	0.588	0.092	0.596	0.047	0.605	0.008	1.820	-0.246	1.831	-0.285	1.837	-0.311	1.847	-0.337
0.613	-0.012	0.618	-0.044	0.627	-0.057	0.639	-0.038	1.859	-0.324	1.869	-0.292	1.883	-0.259	1.888	-0.233
0.650	-0.006	0.668	0.052	0.673	0.085	0.684	0.117	1.897	-0.175	1.903	-0.110	1.910	-0.064	1.915	-0.012
0.694	0.072	0.702	0.000	0.709	0.117	0.715	-0.240	1.922	0.052	1.928	0.130	1.934	0.208	1.940	0.299
0.720	-0.311	0.726	-0.382	0.732	-0.408	0.738	-0.434	1.945	0.364	1.951	0.442	1.957	0.474	1.964	0.513
0.747	-0.376	0.754	-0.427	0.760	-0.427	0.766	-0.449	1.976	0.455	1.983	0.377	1.988	0.326	1.996	0.293
0.770	-0.104	0.777	-0.058	0.782	-0.026	0.792	0.007	2.005	0.248	2.015	0.287	2.022	0.332	2.031	0.371
0.799	-0.019	0.808	-0.071	0.814	-0.110	0.818	-0.162	2.040	0.416	2.044	0.455	2.051	0.461	2.064	0.422
0.825	-0.214	0.832	-0.266	0.839	-0.305	0.853	-0.344	2.077	0.357	2.083	0.319	2.089	0.273	2.095	0.228
0.864	-0.292	0.872	-0.253	0.884	-0.214	0.893	-0.162	2.104	0.169	2.111	0.117	2.121	0.085	2.131	0.059
0.900	-0.090	0.905	-0.025	0.913	0.072	0.916	0.117	2.140	0.059	2.147	0.065	2.154	0.052	2.163	0.013
0.924	0.189	0.929	0.228	0.937	0.293	0.947	0.332	2.168	-0.039	2.175	-0.110	2.181	-0.182	2.194	-0.279
0.955	0.287	0.968	0.176	0.978	0.112	0.985	0.066	2.199	-0.350	2.207	-0.383	2.216	-0.415	2.229	-0.370
0.992	0.047	0.998	0.027	1.007	0.053	1.017	0.098	2.238	-0.325	2.242	-0.306	2.249	-0.286	2.260	-0.326
1.027	0.137	1.034	0.182	1.040	0.233	1.048	0.298	2.271	-0.365	2.279	-0.423	2.294	-0.456	2.303	-0.482
1.053	0.343	1.058	0.376	1.065	0.382	1.073	0.362	2.308	-0.482	2.316	-0.443	2.329	-0.379	2.336	-0.333
1.082	0.297	1.090	0.213	1.095	0.135	1.100	0.057	2.345	-0.288	2.353	-0.237	2.364	-0.191	2.374	-0.133
1.104	-0.008	1.105	-0.060	1.110	-0.099	1.115	-0.145	2.384	-0.101	2.391	-0.069	2.400	-0.043	2.411	-0.082
1.124	-0.158	1.131	-0.178	1.141	-0.185	1.149	-0.217	2.422	-0.128	2.428	-0.173	2.437	-0.225	2.446	-0.251
1.159	-0.237	1.169	-0.270	1.181	-0.257	1.190	-0.225	2.454	-0.258	2.465	-0.206	2.477	-0.155	2.489	-0.110
1.198	-0.187	1.207	-0.148	1.214	-0.116	1.221	-0.077	2.497	-0.077	2.508	-0.006	2.515	0.032	2.522	0.071
1.228	-0.065	1.242	-0.091	1.249	-0.150	1.257	-0.247	2.532	0.084	2.547	0.058	2.559	0.012	2.569	-0.033

2.576	-0.085	2.584	-0.150	2.589	-0.202	2.596	-0.247	3.855	-1.015	3.862	-0.937	3.863	-0.872	3.870	-0.769
2.602	-0.293	2.608	-0.306	2.618	-0.273	2.623	-0.241	3.871	-0.691	3.876	-0.529	3.880	-0.432	3.884	-0.360
2.628	-0.228	2.635	-0.202	2.640	-0.189	2.650	-0.235	3.887	-0.315	3.893	-0.283	3.902	-0.322	3.903	-0.361
2.661	-0.287	2.667	-0.339	2.674	-0.391	2.679	-0.449	3.911	-0.458	3.916	-0.549	3.922	-0.601	3.927	-0.666
2.686	-0.501	2.692	-0.565	2.698	-0.617	2.705	-0.682	3.931	-0.718	3.935	-0.744	3.943	-0.770	3.946	-0.790
2.711	-0.753	2.719	-0.889	2.726	-0.980	2.732	-1.019	3.955	-0.706	3.960	-0.647	3.966	-0.570	3.971	-0.524
2.740	-1.064	2.748	-0.999	2.754	-0.889	2.759	-0.766	3.976	-0.505	3.982	-0.538	3.988	-0.570	3.994	-0.635
2.762	-0.955	2.766	-0.519	2.770	-0.409	2.772	-0.286	3.999	-0.674	4.006	-0.700	4.013	-0.655	4.019	-0.558
2.776	-0.163	2.780	-0.059	2.783	0.019	2.788	0.136	4.024	-0.467	4.027	-0.383	4.031	-0.267	4.032	-0.163
2.793	0.214	2.796	0.304	2.801	0.343	2.806	0.441	4.036	-0.021	4.039	0.103	4.046	0.349	4.049	0.472
2.811	0.493	2.818	0.577	2.821	0.668	2.826	0.759	4.053	0.647	4.059	0.802	4.060	0.919	4.066	1.152
2.829	0.843	2.833	0.914	2.838	0.986	2.843	1.057	4.069	1.275	4.072	1.392	4.078	1.586	4.081	1.677
2.847	1.109	2.855	1.174	2.862	1.226	2.870	1.239	4.086	1.819	4.091	1.910	4.097	1.987	4.100	2.078
2.875	1.200	2.878	1.148	2.881	1.109	2.886	1.090	4.104	2.130	4.112	2.175	4.120	2.110	4.126	2.058
2.894	1.122	2.902	1.155	2.909	1.207	2.914	1.252	4.130	1.993	4.134	1.915	4.142	1.727	4.147	1.610
2.919	1.298	2.924	1.324	2.934	1.278	2.941	1.207	4.151	1.499	4.154	1.376	4.159	1.272	4.162	1.201
2.947	1.129	2.956	1.045	2.961	0.994	2.967	0.929	4.169	1.045	4.170	0.967	4.176	0.838	4.185	0.688
2.973	0.909	2.981	0.955	2.987	1.006	2.993	1.078	4.190	0.604	4.194	0.552	4.201	0.506	4.204	0.474
3.022	1.078	3.029	0.987	3.034	0.890	3.039	0.825	4.215	0.551	4.221	0.629	4.224	0.746	4.229	0.862
3.044	0.747	3.054	0.676	3.055	0.676	3.060	0.572	4.258	1.439	4.265	1.387	4.277	1.335	4.281	0.958
3.067	0.488	3.077	0.429	3.079	0.384	3.084	0.345	4.285	0.777	4.290	0.511	4.293	0.310	4.300	-0.125
3.089	0.280	3.092	0.216	3.097	0.105	3.099	0.034	4.303	-0.319	4.308	-0.540	4.316	-0.786	4.320	-0.948
3.104	-0.096	3.107	-0.199	3.112	-0.310	3.116	-0.465	4.325	-1.136	4.331	-1.363	4.338	-1.765	4.342	-1.992
3.117	-0.588	3.124	-0.835	3.129	-1.016	3.133	-1.172	4.348	-2.142	4.349	-2.278	4.354	-2.511	4.357	-2.693
3.135	-1.263	3.141	-1.379	3.144	-1.509	3.149	-1.613	4.363	-2.848	4.364	-3.065	4.369	-3.179	4.376	-3.335
3.155	-1.717	3.161	-1.781	3.164	-1.846	3.172	-1.937	4.381	-3.367	4.386	-3.303	4.390	-3.199	4.395	-3.089
3.178	-2.021	3.184	-2.073	3.191	-2.151	3.196	-2.274	4.400	-2.959	4.402	-2.855	4.404	-2.752	4.409	-2.551
3.203	-2.300	3.211	-2.326	3.218	-2.300	3.225	-2.236	4.411	-2.408	4.416	-2.253	4.419	-2.052	4.421	-1.954
3.232	-2.158	3.237	-2.074	3.245	-1.938	3.250	-1.821	4.426	-1.773	4.429	-1.689	4.436	-1.521	4.438	-1.450
3.258	-1.640	3.262	-1.536	3.265	-1.491	3.270	-1.433	4.442	-1.281	4.446	-1.178	4.449	-1.087	4.455	-0.977
3.275	-1.362	3.281	-1.297	3.286	-1.226	3.292	-1.129	4.461	-0.880	4.465	-0.790	4.472	-0.719	4.478	-0.615
3.297	-1.019	3.302	-0.928	3.307	-0.889	3.313	-0.824	4.484	-0.551	4.490	-0.467	4.496	-0.376	4.500	-0.331
3.319	-0.773	3.324	-0.728	3.329	-0.695	3.336	-0.721	4.507	-0.299	4.521	-0.228	4.530	-0.164	4.536	-0.041
3.345	-0.748	3.350	-0.774	3.358	-0.806	3.363	-0.794	4.544	0.120	4.546	0.205	4.550	0.341	4.553	0.548
3.370	-0.723	3.379	-0.600	3.382	-0.470	3.389	-0.299	4.558	0.723	4.560	0.833	4.566	0.995	4.570	1.202
3.394	-0.107	3.397	0.042	3.401	0.216	3.408	0.378	4.572	1.331	4.575	1.435	4.577	1.500	4.585	1.571
3.411	0.456	3.414	0.566	3.420	0.702	3.425	0.825	4.586	1.616	4.591	1.661	4.595	1.596	4.601	1.485
3.433	0.948	3.440	1.058	3.448	1.187	3.454	1.291	4.604	1.394	4.606	1.342	4.611	1.290	4.616	1.238
3.459	1.375	3.464	1.440	3.468	1.511	3.474	1.549	4.618	1.173	4.623	1.101	4.625	1.056	4.629	0.958
3.481	1.588	3.488	1.543	3.494	1.426	3.500	1.329	4.631	0.887	4.635	0.828	4.640	0.795	4.644	0.717
3.506	1.180	3.513	1.037	3.517	0.894	3.522	0.719	4.649	0.658	4.655	0.606	4.658	0.567	4.663	0.593
3.529	0.654	3.532	0.615	3.540	0.576	3.544	0.615	4.669	0.521	4.672	0.456	4.681	0.390	4.687	0.319
3.553	0.554	3.558	0.686	3.565	0.712	3.570	0.660	4.691	0.299	4.694	0.227	4.699	0.195	4.704	0.227
3.583	0.517	3.587	0.394	3.597	0.232	3.600	0.141	4.711	0.239	4.717	0.265	4.724	0.297	4.729	0.374
3.605	0.063	3.612	0.018	3.616	-0.002	3.621	0.037	4.734	0.413	4.741	0.425	4.751	0.392	4.758	0.307
3.627	0.115	3.631	0.205	3.637	0.315	3.644	0.393	4.764	0.197	4.770	0.080	4.774	0.008	4.777	-0.057
3.648	0.464	3.651	0.516	3.656	0.542	3.662	0.561	4.783	-0.200	4.786	-0.330	4.791	-0.498	4.797	-0.641
3.669	0.522	3.675	0.476	3.688	0.359	3.695	0.281	4.803	-0.778	4.811	-1.031	4.812	-1.122	4.816	-1.245
3.703	0.190	3.711	0.125	3.715	0.047	3.721	-0.031	4.818	-1.510	4.822	-1.382	4.829	-1.499	4.832	-1.564
3.729	-0.122	3.734	-0.206	3.738	-0.304	3.741	-0.421	4.838	-1.655	4.842	-1.694	4.847	-1.720	4.855	-1.675
3.747	-0.544	3.749	-0.609	3.756	-0.687	3.762	-0.752	4.862	-1.540	4.867	-1.417	4.872	-1.307	4.877	-1.132
3.766	-0.797	3.769	-0.817	3.777	-0.798	3.783	-0.772	4.881	-0.996	4.884	-0.789	4.888	-0.659	4.891	-0.491
3.788	-0.740	3.792	-0.708	3.800	-0.682	3.809	-0.721	4.896	-0.901	4.901	-0.180	4.908	-0.021	4.910	-0.118
3.812	-0.799	3.816	-0.851	3.820	-0.916	3.823	-0.962	4.915	-0.228	4.917	0.332	4.920	0.383	4.929	0.415
3.830	-1.001	3.838	-1.046	3.840	-1.072	3.845	-1.086	4.933	0.441	4.943	0.441	4.949	0.402	4.954	0.330

4.959	0.265	4.963	0.207	4.968	0.122	4.973	0.044	6.242	0.541	6.248	0.353	6.252	0.210	6.255	0.126
4.976	-0.053	4.981	-0.131	4.986	-0.215	4.993	-0.313	6.260	0.080	6.265	0.035	6.269	-0.017	6.272	-0.089
5.000	-0.404	5.005	-0.495	5.010	-0.573	5.016	-0.670	6.277	-0.147	6.282	-0.121	6.284	-0.057	6.291	-0.128
5.020	-0.735	5.026	-0.794	5.033	-0.833	5.039	-0.865	6.297	-0.245	6.308	-0.257	6.311	-0.079	6.315	-0.111
5.043	-0.943	5.049	-1.015	5.055	-1.054	5.062	-1.080	6.318	-1.244	6.321	-1.581	6.325	-1.996	6.328	-2.269
5.070	-1.015	5.075	-0.938	5.080	-0.808	5.084	-0.679	6.333	-2.489	6.336	-2.652	6.338	-2.833	6.347	-3.573
5.089	-0.556	5.090	-0.458	5.093	-0.335	5.096	-0.232	6.351	-3.735	6.353	-3.890	6.357	-4.046	6.360	-4.137
5.102	-0.031	5.104	0.112	5.108	0.228	5.112	0.319	6.363	-4.423	6.366	-4.384	6.369	-4.336	6.373	-4.099
5.116	0.394	5.120	0.435	5.125	0.455	5.133	0.416	6.377	-4.423	6.383	-4.339	6.388	-4.209	6.392	-4.099
5.139	0.357	5.142	0.318	5.147	0.208	5.150	0.123	6.396	-3.924	6.399	-3.782	6.403	-3.574	6.407	-3.386
5.154	0.039	5.158	-0.091	5.163	-0.175	5.168	-0.238	6.409	-3.244	6.412	-2.956	6.413	-2.907	6.420	-2.609
5.175	-0.403	5.180	-0.532	5.185	-0.610	5.190	-0.675	6.423	-2.350	6.426	-2.227	6.433	-1.909	6.438	-1.682
5.195	-0.721	5.203	-0.708	5.210	-0.708	5.215	-0.734	6.441	-1.598	6.445	-1.546	6.447	-1.514	6.458	-1.475
5.221	-0.676	5.225	-0.566	5.233	-0.547	5.239	-0.489	6.460	-1.462	6.466	-1.508	6.473	-1.605	6.480	-1.476
5.245	-0.425	5.251	-0.380	5.255	-0.321	5.259	-0.296	6.485	-1.761	6.490	-1.852	6.492	-1.923	6.495	-1.975
5.266	-0.225	5.271	-0.180	5.282	-0.148	5.290	-0.135	6.499	-2.014	6.504	-2.072	6.507	-2.156	6.510	-2.247
5.300	-0.019	5.309	0.097	5.314	0.227	5.322	0.434	6.513	-2.319	6.517	-2.396	6.524	-2.455	6.530	-2.487
5.327	0.557	5.334	0.738	5.340	0.900	5.348	1.113	6.540	-2.500	6.544	-2.455	6.547	-2.325	6.553	-2.125
5.356	1.262	5.362	1.424	5.370	1.618	5.373	1.760	6.559	-1.878	6.566	-1.502	6.570	-1.256	6.576	-0.938
5.377	1.929	5.383	2.045	5.388	2.252	5.393	2.446	6.578	-0.744	6.583	-0.420	6.588	-0.128	6.591	0.144
5.398	2.589	5.403	2.718	5.410	2.919	5.420	3.106	6.598	0.365	6.598	0.572	6.602	0.773	6.605	0.948
5.425	3.287	5.430	3.339	5.439	3.287	5.443	3.377	6.609	1.117	6.613	1.266	6.616	1.356	6.619	1.421
5.449	3.370	5.455	3.415	5.461	3.324	5.468	3.324	6.623	1.492	6.629	1.531	6.636	1.557	6.641	1.505
5.473	3.239	5.484	2.901	5.493	2.479	5.499	2.285	6.646	1.401	6.653	1.246	6.659	1.168	6.664	1.077
5.509	1.889	5.513	1.668	5.519	1.369	5.524	1.136	6.669	0.791	6.675	0.941	6.683	0.869	6.691	0.830
5.534	0.824	5.538	0.662	5.545	0.454	5.549	0.330	6.698	0.791	6.705	0.752	6.709	0.707	6.714	0.636
5.553	0.265	5.560	0.180	5.565	0.115	5.574	0.069	6.719	0.610	6.724	0.577	6.730	0.635	6.736	0.713
5.581	0.095	5.585	0.166	5.591	0.198	5.596	0.152	6.742	0.836	6.746	1.018	6.752	1.264	6.757	1.465
5.605	0.067	5.611	0.086	5.619	0.014	5.625	-0.207	6.759	1.621	6.761	1.763	6.763	1.880	6.767	2.139
5.630	-0.628	5.636	-0.940	5.640	-1.342	5.643	-1.524	6.769	2.249	6.773	2.398	6.780	2.632	6.782	2.846
5.652	-2.179	5.658	-2.569	5.662	-2.803	5.667	-3.082	6.789	3.021	6.790	3.176	6.794	3.247	6.800	3.273
5.670	-3.199	5.675	-3.251	5.683	-3.193	5.685	-3.316	6.805	3.221	6.810	3.085	6.818	2.735	6.826	2.482
5.689	-3.579	5.692	-3.557	5.703	-3.447	5.712	-3.655	6.830	2.236	6.834	2.074	6.838	1.931	6.841	1.775
5.718	-3.500	5.727	-3.695	5.731	-3.631	5.738	-3.754	6.848	1.529	6.850	1.412	6.860	1.243	6.864	1.153
5.745	-3.583	5.752	-3.606	5.755	-3.431	5.761	-3.250	6.871	1.003	6.872	1.003	6.879	0.841	6.886	0.783
5.767	-2.985	5.768	-2.797	5.775	-2.622	5.782	-2.434	6.892	0.698	6.898	0.575	6.904	0.517	6.916	0.484
5.785	-2.363	5.789	-2.260	5.794	-2.312	5.800	-2.157	6.921	0.516	6.925	0.568	6.930	0.607	6.935	0.633
5.806	-2.235	5.811	-2.132	5.819	-2.184	5.828	-2.107	6.939	0.646	6.943	0.723	6.947	0.807	6.952	0.866
5.835	-2.154	5.838	-2.283	5.844	-2.309	5.851	-2.238	6.961	0.898	6.968	0.911	6.976	0.937	6.983	0.891
5.855	-2.154	5.861	-2.038	5.864	-1.927	5.869	-1.869	6.992	0.787	6.997	0.670	7.007	0.411	7.015	0.119
5.878	-1.594	5.881	-1.584	5.886	-1.344	5.889	-1.293	7.020	-0.082	7.026	-0.329	7.031	-0.478	7.037	-0.562
5.897	-1.196	5.901	-1.021	5.907	-0.872	5.910	-0.781	7.042	-0.692	7.049	-0.867	7.052	-1.056	7.059	-1.199
5.923	-0.684	5.930	-0.405	5.937	0.016	5.939	0.171	7.066	-1.296	7.071	-1.433	7.073	-1.536	7.077	-1.627
5.944	0.333	5.952	0.567	5.954	0.709	5.960	0.949	7.080	-1.679	7.087	-1.719	7.095	-1.654	7.098	-1.603
5.965	1.390	5.970	1.636	5.975	1.850	5.982	2.167	7.103	-1.499	7.106	-1.357	7.112	-1.188	7.121	-0.891
5.987	2.426	5.995	2.595	6.000	2.867	6.005	3.100	7.126	-0.709	7.129	-0.573	7.134	-0.457	7.139	-0.366
6.012	3.204	6.022	3.334	6.032	3.476	6.038	3.573	7.144	-0.289	7.152	-0.218	7.155	-0.264	7.160	-0.342
6.047	3.593	6.051	3.703	6.055	3.833	6.061	3.891	7.163	-0.426	7.167	-0.459	7.175	-0.492	7.180	-0.595
6.063	3.936	6.069	4.079	6.078	4.079	6.083	3.975	7.188	-0.732	7.188	-0.777	7.192	-0.797	7.200	-0.752
6.091	3.962	6.094	4.033	6.099	4.052	6.104	3.994	7.208	-0.707	7.216	-0.584	7.220	-0.448	7.228	-0.345
6.108	3.884	6.113	3.845	6.119	3.702	6.129	3.242	7.233	-0.222	7.239	-0.086	7.241	-0.008	7.246	0.063
6.131	3.034	6.138	2.606	6.145	1.971	6.150	1.756	7.254	0.186	7.258	0.244	7.262	0.289	7.266	0.373
6.156	1.205	6.162	0.965	6.167	0.790	6.173	0.855	7.270	0.477	7.273	0.606	7.276	0.716	7.280	0.865
6.176	0.796	6.179	0.744	6.185	0.789	6.193	0.692	7.283	1.001	7.287	1.144	7.291	1.273	7.296	1.520
6.198	0.566	6.202	0.899	6.208	1.028	6.212	1.113	7.303	1.759	7.308	1.876	7.313	1.953	7.321	2.024
6.217	1.061	6.227	0.963	6.230	0.859	6.240	0.664	7.329	1.966	7.334	1.881	7.337	1.764	7.343	1.654

7.349	1.530	7.355	1.394	7.359	1.277	7.362	1.199	8.765	0.486	8.772	0.629	8.778	0.706	8.787	0.810
7.367	1.089	7.372	0.998	7.375	0.959	7.382	0.914	8.790	0.888	8.798	0.966	8.801	1.011	8.808	1.069
7.387	0.888	7.395	0.978	7.406	1.134	7.412	1.211	8.816	1.108	8.824	1.127	8.829	1.075	8.833	1.030
7.420	1.334	7.425	1.386	7.432	1.457	7.440	1.493	8.836	0.991	8.841	1.049	8.845	1.101	8.847	1.166
7.450	1.418	7.456	1.353	7.465	1.217	7.470	1.110	8.851	1.088	8.856	1.030	8.859	1.114	8.865	1.166
7.478	0.977	7.483	0.834	7.488	0.698	7.494	0.529	8.877	1.211	8.882	1.295	8.889	1.554	8.894	1.736
7.498	0.464	7.505	0.224	7.509	-0.009	7.517	-0.347	8.900	1.788	8.905	1.840	8.910	1.956	8.915	2.073
7.520	-0.464	7.526	-0.587	7.529	-0.671	7.534	-0.859	8.920	2.008	8.929	1.892	8.934	1.827	8.941	1.749
7.541	-1.060	7.548	-1.436	7.551	-1.605	7.558	-1.838	8.945	1.548	8.949	1.341	8.956	1.186	8.961	1.017
7.560	-1.955	7.566	-2.091	7.575	-2.279	7.582	-2.364	8.967	0.894	8.973	0.732	8.980	0.563	8.988	0.479
7.587	-2.416	7.593	-2.377	7.599	-2.254	7.606	-2.118	8.993	0.369	9.000	0.291	9.003	0.227	9.006	0.194
7.609	-2.020	7.612	-1.969	7.614	-1.910	7.621	-1.884	9.015	0.188	9.028	0.169	9.033	0.207	9.040	0.156
7.624	-1.742	7.631	-1.586	7.636	-1.619	7.646	-1.625	9.048	0.182	9.052	0.201	9.062	0.149	9.071	0.006
7.655	-1.574	7.660	-1.664	7.667	-1.729	7.671	-1.762	9.088	-0.305	9.097	-0.578	9.107	-0.831	9.119	-1.142
7.679	-1.762	7.683	-1.814	7.687	-1.879	7.689	-1.892	9.125	-1.343	9.135	-1.609	9.142	-1.823	9.150	-1.986
7.697	-1.853	7.702	-1.827	7.711	-1.788	7.717	-1.710	9.156	-2.070	9.164	-2.122	9.169	-2.155	9.178	-2.129
7.725	-1.490	7.734	-1.309	7.740	-1.108	7.746	-0.920	9.189	-2.052	9.200	-2.020	9.210	-1.988	9.215	-2.040
7.755	-0.700	7.761	-0.544	7.769	-0.350	7.775	-0.194	9.223	-2.008	9.237	-1.795	9.245	-1.639	9.252	-1.452
7.784	-0.019	7.788	0.065	7.797	0.142	7.805	0.207	9.258	-1.329	9.262	-1.212	9.268	-1.089	9.273	-0.940
7.810	0.350	7.822	0.395	7.828	0.492	7.835	0.550	9.282	-0.804	9.287	-0.687	9.292	-0.590	9.296	-0.531
7.842	0.628	7.847	0.693	7.852	0.757	7.860	0.790	9.304	-0.434	9.311	-0.265	9.317	-0.129	9.321	-0.045
7.872	0.809	7.881	0.802	7.889	0.737	7.894	0.665	9.329	0.014	9.337	0.202	9.343	0.345	9.349	0.416
7.902	0.561	7.908	0.477	7.916	0.405	7.929	0.301	9.359	0.468	9.372	0.462	9.379	0.591	9.390	0.780
7.935	0.216	7.943	0.138	7.950	0.028	7.958	-0.083	9.396	0.942	9.407	1.221	9.412	1.396	9.419	1.597
7.962	-0.193	7.970	-0.317	7.975	-0.453	7.980	-0.544	9.424	1.734	9.427	1.812	9.432	1.851	9.442	1.903
7.984	-0.693	7.990	-0.810	7.993	-0.966	8.001	-1.083	9.449	1.845	9.454	1.794	9.459	1.742	9.464	1.664
8.005	-1.174	8.011	-1.271	8.017	-1.304	8.023	-1.239	9.469	1.580	9.474	1.451	9.481	1.334	9.491	1.153
8.035	-1.052	8.038	-0.916	8.041	-0.780	8.046	-0.579	9.495	1.063	9.500	0.959	9.506	0.875	9.511	0.778
8.049	-0.443	8.054	-0.242	8.059	-0.125	8.065	-0.076	9.522	0.610	9.524	0.545	9.531	0.435	9.537	0.286
8.070	0.309	8.073	0.458	8.079	0.652	8.082	0.801	9.546	0.118	9.549	0.008	9.556	-0.096	9.562	-0.180
8.085	1.074	8.089	1.359	8.092	1.599	8.096	1.851	9.567	-0.270	9.582	-0.348	9.594	-0.328	9.601	-0.315
8.099	2.130	8.104	2.363	8.109	2.584	8.115	2.843	9.608	-0.308	9.616	-0.321	9.624	-0.385	9.628	-0.457
8.119	3.037	8.124	3.186	8.128	3.264	8.132	3.316	9.632	-0.528	9.638	-0.618	9.640	-0.683	9.651	-0.812
8.136	3.342	8.142	3.296	8.151	3.186	8.152	3.076	9.655	-0.936	9.666	-1.058	9.673	-1.201	9.677	-1.266
8.157	2.901	8.162	2.589	8.168	2.369	8.171	2.181	9.681	-1.311	9.690	-1.349	9.705	-1.368	9.706	-1.323
8.181	1.856	8.183	1.662	8.190	1.467	8.195	1.357	9.713	-1.252	9.723	-1.173	9.730	-1.109	9.739	-1.076
8.200	1.285	8.207	1.233	8.217	1.331	8.222	1.415	9.745	-1.057	9.757	-1.050	9.765	-1.109	9.777	-0.901
8.231	1.525	8.239	1.648	8.248	1.726	8.255	1.765	9.778	-0.843	9.789	-0.694	9.797	-0.583	9.802	-0.532
8.260	1.810	8.265	1.836	8.275	1.817	8.291	1.804	9.809	-0.421	9.815	-0.240	9.821	-0.214	9.825	-0.162
8.299	1.733	8.304	1.642	8.310	1.480	8.318	1.214	9.834	-0.227	9.843	-0.227	9.855	-0.292	9.868	-0.298
8.323	1.013	8.332	0.715	8.338	0.410	8.344	0.209	9.873	-0.318	9.877	-0.357	9.885	-0.324	9.901	-0.409
8.354	-0.031	8.359	-0.271	8.368	-0.498	8.373	-0.554	9.909	-0.363	9.922	-0.454	9.927	-0.409	9.932	-0.435
8.378	-0.751	8.381	-0.829	8.394	-0.920	8.402	-1.050	9.941	-0.331	9.952	-0.182	9.964	-0.014	9.967	0.064
8.404	-1.167	8.411	-1.232	8.416	-1.284	8.426	-1.245	9.974	0.109	9.981	0.142	9.987	0.239	9.994	0.323
8.430	-1.193	8.436	-1.180	8.440	-1.142	8.452	-1.097	10.000	0.368	10.006	0.394	10.014	0.453	10.024	0.381
8.459	-1.168	8.467	-1.246	8.475	-1.402	8.481	-1.532	10.034	0.303	10.040	0.225	10.044	0.186	10.051	0.147
8.485	-1.687	8.494	-1.947	8.498	-2.083	8.503	-2.187	10.057	0.102	10.063	0.076	10.073	0.063	10.081	0.089
8.509	-2.324	8.512	-2.395	8.517	-2.460	8.524	-2.487	10.092	0.089	10.103	0.082	10.111	0.111	10.118	-0.022
8.530	-2.513	8.543	-2.455	8.551	-2.397	8.556	-2.345	10.123	-0.048	10.131	-0.087	10.142	-0.126	10.151	-0.139
8.565	-2.294	8.573	-2.230	8.580	-2.126	8.586	-2.042	10.160	-0.094	10.164	-0.010	10.168	0.062	10.175	0.159
8.596	-1.874	8.600	-1.764	8.607	-1.667	8.613	-1.505	10.180	0.224	10.184	0.301	10.190	0.425	10.196	0.528
8.620	-1.363	8.625	-1.279	8.635	-1.098	8.640	-1.020	10.201	0.606	10.205	0.651	10.208	0.690	10.213	0.716
8.652	-0.982	8.655	-1.008	8.665	-1.106	8.674	-1.151	10.220	0.735	10.228	0.664	10.238	0.534	10.244	0.391
8.682	-1.184	8.689	-1.210	8.697	-1.113	8.704	-0.977	10.250	0.235	10.258	0.125	10.262	0.040	10.270	-0.135
8.710	-0.854	8.716	-0.699	8.721	-0.544	8.728	-0.356	10.274	-0.252	10.279	-0.356	10.286	-0.479	10.291	-0.596
8.734	-0.213	8.740	-0.052	8.746	0.097	8.757	0.279	10.298	-0.706	10.304	-0.856	10.312	-1.044	10.318	-1.167

10.324	-1.245	10.329	-1.297	10.336	-1.342	10.342	-1.375	12.008	1.033	12.014	1.053	12.022	1.072	12.029	1.078
10.348	-1.323	10.360	-1.232	10.362	-1.161	10.367	-1.076	12.039	1.072	12.046	1.071	12.051	1.065	12.058	1.045
10.370	-1.024	10.375	-0.953	10.384	-0.869	10.391	-0.752	12.064	1.006	12.071	0.968	12.078	0.942	12.084	0.922
10.396	-0.681	10.404	-0.622	10.409	-0.518	10.414	-0.427	12.088	0.944	12.090	0.786	12.098	0.760	12.103	0.715
10.417	-0.336	10.423	-0.258	10.431	-0.187	10.434	-0.109	12.114	0.624	12.119	0.624	12.129	0.617	12.138	0.579
10.440	0.002	10.446	0.054	10.454	-0.011	10.462	-0.036	12.147	0.553	12.156	0.527	12.161	0.462	12.165	0.391
10.467	-0.094	10.472	-0.178	10.477	-0.282	10.484	-0.347	12.172	0.345	12.178	0.280	12.185	0.125	12.196	-0.011
10.488	-0.405	10.494	-0.463	10.499	-0.541	10.505	-0.567	12.203	-0.235	12.210	-0.232	12.216	-0.303	12.221	-0.355
10.511	-0.567	10.517	-0.560	10.526	-0.508	10.529	-0.482	12.227	-0.394	12.236	-0.445	12.245	-0.490	12.250	-0.549
10.535	-0.436	10.538	-0.404	10.540	-0.378	10.546	-0.339	12.263	-0.652	12.278	-0.762	12.283	-0.814	12.287	-0.833
10.551	-0.266	10.580	0.069	10.595	0.224	10.607	0.334	12.291	-0.859	12.298	-0.833	12.310	-0.781	12.318	-0.723
10.615	0.385	10.633	0.534	10.640	0.559	10.647	0.565	12.325	-0.545	12.335	-0.573	12.343	-0.469	12.363	-0.372
10.652	0.559	10.658	0.552	10.663	0.500	10.678	0.370	12.378	-0.274	12.387	-0.209	12.398	-0.209	12.406	-0.197
10.683	0.325	10.689	0.299	10.694	0.286	10.703	0.286	12.420	-0.236	12.430	-0.288	12.441	-0.437	12.447	-0.495
10.709	0.299	10.715	0.331	10.726	0.422	10.734	0.487	12.455	-0.422	12.462	-0.541	12.472	-0.535	12.478	-0.502
10.744	0.538	10.750	0.571	10.755	0.584	10.760	0.590	12.491	-0.405	12.503	-0.347	12.513	-0.282	12.521	-0.231
10.764	0.577	10.770	0.577	10.777	0.584	10.783	0.590	12.531	-0.179	12.543	-0.114	12.554	-0.062	12.562	-0.011
10.793	0.584	10.798	0.571	10.804	0.551	10.811	0.580	12.572	0.099	12.585	0.248	12.599	0.358	12.606	0.417
10.820	0.402	10.826	0.364	10.830	0.325	10.840	0.293	12.612	0.455	12.619	0.481	12.629	0.494	12.643	0.501
10.848	0.280	10.854	0.274	10.861	0.261	10.867	0.274	12.659	0.507	12.669	0.494	12.685	0.468	12.696	0.423
10.876	0.300	10.887	0.359	10.899	0.424	10.912	0.489	12.700	0.404	12.712	0.397	12.721	0.410	12.730	0.449
10.925	0.567	10.932	0.600	10.939	0.620	10.947	0.613	12.741	0.462	12.752	0.475	12.771	0.475	12.792	0.475
10.952	0.600	10.962	0.549	10.967	0.503	10.975	0.400	12.802	0.462	12.813	0.442	12.824	0.410	12.831	0.371
10.982	0.309	10.990	0.141	11.002	-0.034	11.011	-0.203	12.847	0.313	12.859	0.280	12.872	0.248	12.882	0.222
11.022	-0.267	11.027	-0.313	11.032	-0.319	11.041	-0.306	12.894	0.196	12.904	0.144	12.912	0.086	12.934	-0.096
11.048	-0.254	11.058	-0.150	11.071	0.019	11.081	0.162	12.946	-0.193	12.953	-0.264	12.966	-0.316	12.971	-0.355
11.091	0.239	11.100	0.337	11.108	0.421	11.116	0.506	12.983	-0.394	12.999	-0.439	13.009	-0.478	13.022	-0.537
11.120	0.538	11.124	0.564	11.129	0.571	11.131	0.558	13.031	-0.595	13.038	-0.674	13.050	-0.744	13.057	-0.835
11.140	0.539	11.145	0.467	11.153	0.370	11.166	0.182	13.065	-0.913	13.074	-0.990	13.081	-1.029	13.086	-1.042
11.182	-0.025	11.195	-0.219	11.202	-0.316	11.211	-0.400	13.093	-1.042	13.101	-1.029	13.106	-0.990	13.122	-0.861
11.219	-0.452	11.222	-0.478	11.226	-0.484	11.233	-0.471	13.130	-0.809	13.138	-0.757	13.145	-0.718	13.152	-0.692
11.240	-0.445	11.247	-0.387	11.255	-0.270	11.263	-0.160	13.162	-0.653	13.172	-0.601	13.182	-0.537	13.188	-0.439
11.270	-0.049	11.277	0.048	11.284	0.133	11.289	0.165	13.202	-0.258	13.218	-0.031	13.225	0.040	13.231	0.099
11.294	0.204	11.299	0.224	11.306	0.256	11.314	0.256	13.238	0.125	13.245	0.131	13.250	0.118	13.257	0.086
11.320	0.257	11.326	0.218	11.333	0.172	11.346	0.050	13.270	0.021	13.275	-0.011	13.282	-0.011	13.288	-0.005
11.354	0.004	11.360	-0.015	11.365	-0.021	11.374	-0.021	13.298	0.027	13.308	0.118	13.314	0.157	13.320	0.183
11.381	0.018	11.392	0.076	11.397	0.095	11.404	0.108	13.325	0.196	13.339	0.215	13.355	0.228	13.365	0.247
11.411	0.127	11.424	0.140	11.435	0.153	11.444	0.166	13.375	0.286	13.387	0.351	13.418	0.545	13.432	0.642
11.453	0.198	11.461	0.237	11.473	0.282	11.480	0.301	13.441	0.581	13.448	0.700	13.458	0.706	13.465	0.693
11.487	0.307	11.497	0.301	11.504	0.282	11.511	0.223	13.471	0.667	13.478	0.635	13.498	0.472	13.505	0.440
11.518	0.164	11.528	0.047	11.534	-0.018	11.541	-0.076	13.510	0.420	13.518	0.413	13.527	0.426	13.534	0.472
11.548	-0.128	11.555	-0.161	11.572	-0.238	11.591	-0.316	13.543	0.549	13.562	0.789	13.572	0.906	13.579	0.938
11.600	-0.342	11.606	-0.368	11.612	-0.368	11.622	-0.355	13.586	0.577	13.594	0.977	13.600	0.964	13.608	0.945
11.628	-0.323	11.637	-0.277	11.645	-0.212	11.657	-0.089	13.614	0.899	13.621	0.835	13.628	0.750	13.637	0.608
11.664	-0.031	11.671	0.008	11.676	0.028	11.683	0.022	13.652	0.367	13.665	0.147	13.675	0.043	13.681	-0.055
11.690	0.009	11.698	-0.043	11.703	-0.121	11.714	-0.250	13.688	-0.139	13.698	-0.191	13.703	-0.217	13.708	-0.237
11.722	-0.451	11.732	-0.658	11.740	-0.820	11.745	-0.885	13.718	-0.256	13.726	-0.269	13.733	-0.263	13.742	-0.244
11.748	-0.917	11.751	-0.949	11.756	-0.975	11.764	-0.962	13.774	-0.211	13.755	-0.159	13.762	-0.134	13.767	-0.101
11.772	-0.916	11.774	-0.838	11.784	-0.676	11.796	-0.481	13.774	-0.211	13.755	-0.159	13.762	-0.134	13.767	-0.101
11.801	-0.396	11.805	-0.325	11.809	-0.273	11.816	-0.220	13.800	-0.128	13.806	-0.154	13.813	-0.232	13.828	-0.368
11.819	-0.162	11.829	-0.104	11.837	-0.045	11.847	0.019	13.835	-0.532	13.844	-0.471	13.848	-0.484	13.856	-0.484
11.858	0.052	11.862	0.078	11.870	0.078	11.877	0.078	13.862	-0.477	13.869	-0.425	13.886	-0.354	13.891	-0.328
11.885	0.058	11.890	0.026	11.899	0.026	11.906	0.052	13.897	-0.314	13.902	-0.314	13.910	-0.308	13.920	-0.314
11.916	-0.059	11.926	-0.047	11.933	-0.015	11.941	0.050	13.931	-0.333	13.938	-0.332	13.946	-0.313	13.956	-0.293
11.947	0.102	11.955	0.205	11.961	0.315	11.973	0.522	13.962	-0.234	13.983	-0.065	13.996	0.039	14.003	0.091
11.981	0.671	11.991	0.846	11.998	0.930	12.001	0.988	14.008	0.110	14.014	0.123	14.022	0.110	14.027	0.104

14.033	0.084	14.037	0.045	14.039	0.026	14.045	-0.000	16.187	0.046	16.200	0.059	16.213	0.059	16.220	0.052
14.050	-0.020	14.054	-0.026	14.062	-0.026	14.069	-0.007	16.229	-0.013	16.235	-0.033	16.245	-0.079	16.252	-0.144
14.077	0.025	14.087	0.096	14.101	0.199	14.108	0.270	16.265	0.016	16.273	-0.068	16.280	-0.288	16.292	-0.308
14.111	0.354	14.128	0.354	14.139	0.386	14.147	0.405	16.301	-0.315	16.310	-0.296	16.322	-0.270	16.330	-0.218
14.154	0.405	14.160	0.399	14.167	0.379	14.172	0.340	16.359	-0.192	16.369	-0.167	16.378	-0.160	16.388	-0.167
14.179	0.276	14.187	0.185	14.202	-0.010	14.216	-0.152	16.380	-0.180	16.392	-0.212	16.404	-0.212	16.410	-0.212
14.229	-0.275	14.236	-0.347	14.244	-0.398	14.255	-0.437	16.418	-0.199	16.425	-0.161	16.443	-0.076	16.453	-0.017
14.262	-0.450	14.269	-0.437	14.279	-0.411	14.284	-0.372	16.479	0.002	16.483	0.029	16.493	0.035	16.501	0.035
14.292	-0.307	14.305	-0.196	14.322	-0.028	14.332	0.043	16.509	0.035	16.518	0.043	16.525	0.089	16.537	0.154
14.336	0.069	14.342	0.095	14.351	0.108	14.356	0.107	16.547	0.193	16.551	0.213	16.556	0.213	16.565	0.207
14.365	0.088	14.373	0.055	14.384	-0.003	14.399	-0.140	16.572	0.198	16.589	0.143	16.596	0.123	16.604	0.123
14.414	-0.244	14.425	-0.328	14.438	-0.374	14.443	-0.387	16.611	0.136	16.622	0.188	16.634	0.259	16.648	0.415
14.452	-0.394	14.460	-0.381	14.467	-0.342	14.476	-0.284	16.664	0.570	16.670	0.628	16.677	0.660	16.683	0.686
14.486	-0.212	14.505	-0.011	14.511	0.047	14.518	0.073	16.692	0.699	16.701	0.685	16.705	0.672	16.721	0.613
14.523	0.105	14.531	0.118	14.540	0.144	14.564	0.138	16.738	0.541	16.750	0.515	16.756	0.495	16.769	0.495
14.579	0.138	14.594	0.157	14.601	0.177	14.609	0.209	16.781	0.521	16.791	0.534	16.802	0.546	16.812	0.540
14.616	0.248	14.622	0.293	14.637	0.410	14.645	0.475	16.821	0.520	16.832	0.456	16.840	0.404	16.852	0.365
14.649	0.507	14.651	0.520	14.659	0.546	14.665	0.553	16.866	0.307	16.881	0.236	16.895	0.133	16.916	-0.029
14.671	0.546	14.679	0.520	14.684	0.481	14.694	0.404	16.932	-0.164	16.941	-0.248	16.950	-0.287	16.957	-0.319
14.710	0.241	14.732	0.053	14.754	-0.122	14.765	-0.251	16.965	-0.332	16.987	-0.338	17.013	-0.330	17.023	-0.337
14.774	0.297	14.781	-0.323	14.787	-0.336	14.796	-0.336	17.043	-0.362	17.056	-0.375	17.063	-0.407	17.071	-0.446
14.804	-0.303	14.812	-0.257	14.823	-0.173	14.830	-0.134	17.078	-0.491	17.087	-0.563	17.094	-0.647	17.109	-0.816
14.836	-0.108	14.846	-0.108	14.855	-0.114	14.865	-0.153	17.118	-0.894	17.123	-0.965	17.130	-0.998	17.138	-1.011
14.876	-0.204	14.884	-0.237	14.894	-0.295	14.899	-0.353	17.146	-1.004	17.149	-0.966	17.158	-0.894	17.172	-0.713
14.909	-0.443	14.919	-0.554	14.931	-0.670	14.939	-0.735	17.192	-0.480	17.205	-0.319	17.217	-0.203	17.234	-0.112
14.941	-0.760	14.951	-0.773	14.960	-0.767	14.971	-0.735	17.244	-0.022	17.257	-0.055	17.269	-0.100	17.281	-0.120
14.981	-0.683	14.987	-0.618	15.002	-0.450	15.013	-0.372	17.296	0.145	17.306	0.165	17.316	0.197	17.324	0.268
15.018	-0.308	15.025	-0.262	15.033	-0.230	15.038	-0.217	17.332	0.346	17.354	0.598	17.374	0.857	17.385	0.955
15.044	-0.198	15.049	-0.192	15.056	-0.192	15.064	-0.205	17.393	0.032	17.404	0.097	17.411	0.130	17.419	0.162
15.076	-0.238	15.088	-0.284	15.099	-0.291	15.112	-0.258	17.426	1.188	17.436	1.194	17.444	1.182	17.452	1.149
15.119	-0.266	15.129	-0.214	15.133	-0.156	15.142	-0.059	17.461	0.091	17.472	0.974	17.479	0.863	17.488	0.772
15.157	0.051	15.162	0.116	15.169	0.161	15.177	0.187	17.496	0.681	17.502	0.616	17.508	0.545	17.519	0.486
15.189	0.219	15.204	0.258	15.214	0.258	15.220	0.265	17.537	0.382	17.556	0.252	17.570	0.135	17.589	0.018
15.227	0.245	15.230	0.219	15.237	0.181	15.250	0.090	17.610	-0.125	17.622	-0.209	17.629	-0.319	17.639	-0.436
15.257	0.058	15.265	0.039	15.271	0.032	15.281	0.039	17.651	-0.584	17.678	-1.025	17.690	-1.206	17.696	-1.271
15.340	0.234	15.347	0.254	15.353	0.267	15.362	0.274	17.702	-1.342	17.708	-1.407	17.718	-1.445	17.727	-1.477
15.371	0.261	15.381	0.248	15.401	0.176	15.421	0.111	17.738	-1.484	17.753	-1.490	17.768	-1.483	17.776	-1.464
15.443	0.039	15.461	-0.007	15.481	-0.039	15.500	-0.104	17.788	-1.425	17.799	-1.341	17.819	-1.140	17.835	-0.940
15.514	-0.143	15.533	-0.169	15.547	-0.200	15.555	-0.232	17.845	-0.849	17.852	-0.784	17.862	-0.707	17.874	-0.649
15.563	-0.284	15.572	-0.355	15.582	-0.439	15.596	-0.548	17.884	-0.577	17.900	-0.500	17.916	-0.383	17.935	-0.222
15.606	-0.606	15.613	-0.632	15.621	-0.658	15.627	-0.657	17.946	-0.112	17.957	0.011	17.965	0.122	17.974	0.251
15.638	-0.644	15.650	-0.631	15.662	-0.611	15.672	-0.605	17.984	0.368	17.997	0.544	18.011	0.764	18.025	1.030
15.684	-0.604	15.694	-0.611	15.705	-0.617	15.714	-0.630	18.033	1.173	18.039	1.264	18.045	1.368	18.053	1.452
15.724	-0.649	15.732	-0.649	15.746	-0.642	15.753	-0.577	18.060	1.511	18.067	1.569	18.076	1.595	18.083	1.602
15.765	-0.486	15.774	-0.363	15.791	-0.149	15.806	0.065	18.095	1.602	18.103	1.590	18.108	1.570	18.118	1.544
15.826	0.317	15.833	0.394	15.839	0.420	15.846	0.445	18.125	1.519	18.138	1.493	18.151	1.467	18.162	1.435
15.852	0.452	15.859	0.451	15.865	0.438	15.873	0.425	18.169	1.403	18.177	1.332	18.185	1.274	18.201	1.138
15.878	0.405	15.884	0.379	15.891	0.340	15.901	0.301	18.221	0.957	18.229	0.892	18.234	0.795	18.243	0.633
15.908	0.288	15.915	0.288	15.924	0.288	15.933	0.321	18.259	0.361	18.274	0.050	18.287	-0.222	18.294	-0.339
15.984	0.640	15.988	0.666	15.996	0.672	16.001	0.672	18.300	-0.398	18.307	-0.437	18.318	-0.521	18.329	-0.735
16.006	0.666	16.013	0.627	16.023	0.562	16.031	0.465	18.342	-0.950	18.359	-1.079	18.385	-1.566	18.391	-1.573
16.040	0.393	16.048	0.328	16.054	0.276	16.062	0.211	18.368	-1.404	18.377	-1.482	18.395	-1.547	18.428	-1.457
16.074	0.172	16.083	0.133	16.101	0.068	16.119	0.035	18.397	-1.593	18.405	-1.586	18.413	-1.547	18.428	-1.457
16.130	0.028	16.143	0.015	16.170	0.014	16.178	0.027	18.437	-1.425	18.447	-1.418	18.450	-1.418	18.458	-1.451
								18.475	-1.548	18.486	-1.567	18.492	-1.567	18.498	-1.554

18.508	-1.470	18.532	-1.224	18.554	-1.023	18.563	-0.900	21.275	-0.329	21.289	-0.264	21.297	-0.245	21.298	-0.245
18.575	-0.705	18.588	-0.478	18.606	-0.167	18.628	0.144	21.299	-0.245	21.299	-0.245	21.306	-0.212	21.317	-0.199
18.641	0.358	18.651	0.462	18.663	0.566	18.681	0.812	21.328	-0.173	21.335	-0.160	21.340	-0.128	21.347	-0.101
18.697	1.006	18.716	1.201	18.727	1.298	18.740	1.389	21.355	-0.011	21.365	0.087	21.374	0.230	21.393	0.541
18.749	1.434	18.760	1.473	18.771	1.493	18.782	1.486	21.408	0.717	21.418	0.834	21.426	0.899	21.436	0.951
18.791	1.460	18.806	1.389	18.828	1.305	18.841	1.246	21.443	0.990	21.455	1.043	21.460	1.062	21.470	1.075
18.852	1.188	18.863	1.078	18.874	0.929	18.886	0.799	21.477	1.063	21.486	1.044	21.494	0.992	21.506	0.869
18.895	0.721	18.908	0.579	18.935	0.404	18.947	0.293	21.521	0.740	21.530	0.649	21.544	0.558	21.551	0.520
18.962	0.138	18.976	-0.005	18.989	-0.186	19.003	-0.297	21.561	0.487	21.566	0.462	21.574	0.455	21.586	0.439
19.018	-0.446	19.037	-0.634	19.051	-0.763	19.066	-0.906	21.591	0.481	21.603	0.513	21.613	0.533	21.621	0.539
19.087	-1.172	19.099	-1.250	19.103	-1.276	19.109	-1.289	21.628	0.526	21.637	0.493	21.644	0.422	21.656	0.286
19.119	-1.263	19.128	-1.211	19.143	-1.107	19.158	-1.029	21.681	0.052	21.711	-0.234	21.730	-0.422	21.742	-0.520
19.178	-0.893	19.195	-0.751	19.227	-0.465	19.240	-0.381	21.747	0.052	21.758	-0.604	21.766	-0.611	21.777	-0.611
19.249	-0.310	19.260	-0.277	19.270	-0.239	19.280	-0.226	21.787	-0.579	21.796	-0.565	21.809	-0.546	21.822	-0.532
19.288	-0.193	19.300	-0.148	19.308	-0.058	19.330	0.117	21.830	-0.525	21.839	-0.525	21.849	-0.544	21.858	-0.557
19.342	0.240	19.354	0.356	19.380	0.602	19.387	0.680	21.870	-0.602	21.881	-0.641	21.889	-0.660	21.901	-0.659
19.398	0.732	19.407	0.764	19.411	0.777	19.426	0.790	21.908	-0.646	21.921	-0.600	21.930	-0.555	21.939	-0.496
19.439	0.822	19.451	0.835	19.463	0.835	19.475	0.835	21.951	-0.405	21.964	-0.268	21.988	-0.021	22.001	0.095
19.482	0.828	19.487	0.815	19.500	0.776	19.511	0.705	22.012	-0.205	22.023	0.270	22.036	0.335	22.048	0.393
19.529	0.614	19.538	0.568	19.553	0.516	19.567	0.470	22.060	0.458	22.072	0.490	22.086	0.515	22.092	0.548
19.578	0.424	19.585	0.378	19.596	0.307	19.605	0.216	22.104	0.599	22.118	0.612	22.127	0.631	22.139	0.625
19.628	0.007	19.638	-0.077	19.653	-0.194	19.667	-0.279	22.148	0.612	22.160	0.599	22.172	0.598	22.187	0.611
19.671	-0.331	19.689	-0.500	19.703	-0.624	19.710	-0.663	22.205	0.611	22.213	0.611	22.224	0.579	22.234	0.533
19.717	-0.682	19.725	-0.695	19.733	-0.695	19.740	-0.689	22.256	0.410	22.277	0.300	22.296	0.222	22.315	0.144
19.750	-0.669	19.762	-0.657	19.775	-0.663	19.786	-0.669	22.331	0.079	22.346	0.002	22.356	-0.044	22.365	-0.070
19.793	-0.689	19.806	-0.728	19.814	-0.760	19.823	-0.784	22.372	-0.083	22.388	-0.069	22.403	-0.069	22.413	-0.082
19.831	-0.793	19.843	-0.787	19.851	-0.761	19.865	-0.684	22.420	-0.107	22.427	-0.146	22.437	-0.217	22.447	-0.288
19.886	-0.502	19.918	-0.270	19.930	-0.147	19.949	-0.017	22.462	-0.443	22.475	-0.546	22.480	-0.611	22.492	-0.669
19.960	0.067	19.972	0.190	19.980	0.268	19.994	0.358	22.502	-0.712	22.507	-0.713	22.517	-0.719	22.532	-0.726
20.004	0.397	20.017	0.435	20.028	0.448	20.041	0.506	22.545	-0.694	22.555	-0.686	22.567	-0.621	22.590	-0.459
20.048	0.539	20.056	0.623	20.072	0.726	20.080	0.784	22.602	-0.381	22.616	-0.330	22.625	-0.310	22.642	-0.317
20.086	0.829	20.093	0.862	20.105	0.887	20.118	0.919	22.654	-0.323	22.670	-0.323	22.681	-0.304	22.694	-0.246
20.131	0.951	20.140	0.976	20.149	1.015	20.156	1.034	22.709	-0.136	22.722	-0.019	22.735	-0.123	22.749	-0.272
20.164	1.034	20.172	1.027	20.177	0.995	20.186	0.910	22.763	0.467	22.775	0.609	22.786	0.739	22.795	0.810
20.197	0.754	20.215	0.514	20.229	0.319	20.239	0.190	22.804	0.856	22.815	0.882	22.825	0.869	22.837	0.831
20.247	0.118	20.254	0.053	20.265	-0.011	20.273	-0.044	22.848	0.779	22.860	0.734	22.872	0.702	22.884	0.683
20.285	-0.076	20.295	-0.096	20.302	-0.102	20.313	-0.102	22.899	0.677	22.913	0.677	22.924	0.664	22.938	0.619
20.326	-0.102	20.337	-0.109	20.345	-0.122	20.350	-0.154	22.953	0.561	22.968	0.516	22.983	0.445	22.999	0.368
20.356	-0.206	20.366	-0.271	20.379	-0.426	20.408	-0.731	23.017	0.271	23.031	0.174	23.045	0.071	23.056	-0.013
20.424	-0.906	20.436	-0.997	20.445	-1.029	20.452	-1.049	23.072	-0.071	23.084	-0.116	23.098	-0.135	23.113	-0.161
20.464	-1.042	20.474	-1.003	20.484	-0.945	20.508	-0.744	23.123	-0.186	23.135	-0.231	23.145	-0.303	23.159	-0.412
20.527	-0.576	20.535	-0.511	20.544	-0.460	20.551	-0.440	23.171	-0.509	23.189	-0.613	23.206	-0.684	23.223	-0.716
20.556	-0.421	20.568	-0.428	20.581	-0.428	20.596	-0.422	23.241	-0.748	23.252	-0.748	23.267	-0.715	23.282	-0.656
20.607	-0.409	20.618	-0.377	20.628	-0.345	20.638	-0.287	23.297	-0.565	23.314	-0.481	23.326	-0.435	23.339	-0.403
20.653	-0.210	20.674	-0.035	20.704	0.230	20.723	0.372	23.354	-0.376	23.371	-0.370	23.386	-0.369	23.399	-0.356
20.738	0.443	20.746	0.495	20.757	0.534	20.767	0.546	23.411	-0.323	23.422	-0.258	23.439	-0.134	23.454	0.015
20.779	0.546	20.784	0.533	20.795	0.514	20.808	0.495	23.469	0.165	23.479	0.249	23.494	0.360	23.508	0.470
20.817	0.482	20.829	0.482	20.844	0.489	20.854	0.515	23.522	0.568	23.539	0.679	23.552	0.718	23.566	0.744
20.868	0.574	20.880	0.613	20.890	0.645	20.900	0.652	23.583	0.751	23.598	0.745	23.613	0.720	23.628	0.694
20.908	0.639	20.918	0.607	20.930	0.549	20.948	0.465	23.638	0.694	23.657	0.701	23.668	0.689	23.678	0.650
20.965	0.374	20.980	0.296	20.991	0.212	21.000	0.102	23.694	0.579	23.708	0.476	23.721	0.372	23.736	0.243
21.011	-0.004	21.019	-0.074	21.031	-0.152	21.044	-0.223	23.750	0.146	23.761	0.036	23.773	-0.048	23.785	-0.113
21.064	-0.334	21.072	-0.399	21.084	-0.477	21.092	-0.555	23.801	-0.184	23.814	-0.261	23.829	-0.339	23.841	-0.423
21.104	-0.671	21.122	-0.840	21.145	-1.016	21.155	-1.074	23.857	-0.513	23.871	-0.578	23.887	-0.630	23.906	-0.662
21.163	-1.087	21.171	-1.100	21.178	-1.094	21.185	-1.049	23.922	-0.674	23.940	-0.681	23.955	-0.687	23.972	-0.660
21.199	-0.981	21.234	-0.660	21.248	-0.530	21.263	-0.426	23.987	-0.621	24.002	-0.556	24.018	-0.465	24.030	-0.406

24.042	-0.347	24.058	-0.302	24.075	-0.230	24.088	-0.158	27.492	0.068	27.508	0.087	27.522	0.120	27.530	0.159
24.103	-0.061	24.114	0.017	24.130	0.141	24.146	0.251	27.548	0.243	27.564	0.373	27.577	0.483	27.592	0.580
24.161	0.342	24.174	0.414	24.189	0.511	24.208	0.596	27.605	0.652	27.617	0.697	27.629	0.723	27.643	0.716
24.229	0.661	24.246	0.713	24.263	0.746	24.278	0.759	27.659	0.677	27.677	0.639	27.692	0.619	27.704	0.580
24.294	0.747	24.309	0.727	24.320	0.676	24.335	0.598	27.720	0.529	27.735	0.483	27.748	0.464	27.764	0.438
24.350	0.811	24.366	0.365	24.379	0.261	24.391	0.158	27.777	0.419	27.791	0.387	27.804	0.335	27.818	0.257
24.403	0.093	24.416	0.022	24.429	0.017	24.444	0.053	27.829	0.192	27.846	0.089	27.863	0.015	27.878	0.105
24.461	-0.088	24.478	-0.159	24.496	-0.224	24.508	-0.308	27.891	-0.169	27.905	-0.221	27.923	-0.265	27.941	-0.304
24.523	-0.438	24.538	-0.574	24.553	-0.677	24.565	-0.754	27.957	-0.342	27.968	-0.374	27.984	-0.419	27.997	-0.457
24.575	-0.793	24.587	-0.793	24.604	-0.753	24.620	-0.662	28.014	-0.483	28.031	-0.495	28.048	-0.488	28.065	-0.488
24.637	-0.552	24.652	-0.454	24.667	-0.369	24.684	-0.285	28.082	-0.468	28.097	-0.422	28.110	-0.364	28.129	-0.305
24.702	-0.213	24.719	-0.141	24.740	-0.056	24.761	0.042	28.143	-0.253	28.159	-0.214	28.173	-0.162	28.186	-0.110
24.777	0.147	24.797	0.258	24.816	0.355	24.831	0.460	28.200	-0.025	28.213	0.079	28.227	0.163	28.244	0.222
24.842	0.506	24.857	0.539	24.874	0.526	24.890	0.514	28.262	0.300	28.276	0.352	28.291	0.358	28.312	0.365
24.901	0.501	24.916	0.495	24.930	0.496	24.945	0.499	28.330	0.371	28.349	0.371	28.372	0.371	28.393	0.371
24.962	0.477	24.978	0.458	24.991	0.432	25.009	0.368	28.413	0.371	28.428	0.345	28.441	0.326	28.458	0.300
25.022	0.310	25.037	0.233	25.052	0.162	25.066	0.078	28.474	0.281	28.491	0.243	28.507	0.191	28.523	0.133
25.078	0.000	25.093	-0.084	25.107	-0.168	25.118	-0.201	28.534	0.088	28.547	0.049	28.557	0.010	28.573	-0.022
25.131	-0.226	25.145	-0.226	25.156	-0.233	25.173	-0.232	28.591	-0.054	28.602	-0.067	28.615	-0.067	28.633	-0.066
25.186	-0.232	25.201	-0.245	25.217	-0.264	25.234	-0.303	28.645	-0.059	28.656	-0.052	28.668	-0.065	28.680	-0.078
25.250	-0.349	25.266	-0.394	25.284	-0.420	25.297	-0.413	28.701	-0.103	28.718	-0.122	28.736	-0.128	28.756	-0.127
25.313	-0.368	25.330	-0.264	25.350	-0.180	25.366	-0.109	28.773	-0.127	28.785	-0.126	28.801	-0.100	28.818	-0.080
25.380	-0.057	25.396	0.002	25.413	0.105	25.425	0.117	28.839	-0.060	28.854	-0.027	28.869	-0.000	28.883	0.013
25.440	0.216	25.456	0.261	25.475	0.287	25.488	0.320	28.898	0.026	28.910	0.033	28.920	0.033	28.939	0.040
25.508	0.392	25.526	0.470	25.544	0.503	25.564	0.535	28.951	0.060	28.968	0.086	28.981	0.126	28.996	0.178
25.584	0.549	25.601	0.549	25.618	0.523	25.635	0.466	29.010	0.217	29.024	0.250	29.037	0.244	29.046	0.231
25.651	0.388	25.667	0.305	25.684	0.227	25.702	0.189	29.065	0.212	29.082	0.200	29.098	0.187	29.119	0.168
25.721	0.151	25.741	0.126	25.759	0.100	25.776	0.055	29.133	0.175	29.148	0.176	29.162	0.169	29.173	0.170
25.792	0.036	25.808	0.011	25.827	-0.034	25.839	-0.085	29.189	0.151	29.200	0.132	29.212	0.106	29.219	0.080
25.854	-0.156	25.868	-0.228	25.886	-0.292	25.907	-0.370	29.229	0.048	29.239	0.016	29.248	-0.003	29.264	-0.022
25.924	-0.421	25.937	-0.447	25.948	-0.453	25.961	-0.420	29.277	-0.035	29.292	-0.047	29.306	-0.060	29.321	-0.066
25.973	-0.401	25.984	-0.381	25.998	-0.362	26.019	-0.362	29.338	-0.078	29.355	-0.104	29.369	-0.117	29.382	-0.136
26.041	-0.368	26.063	-0.368	26.083	-0.362	26.096	-0.349	29.398	-0.142	29.409	-0.155	29.428	-0.175	29.443	-0.200
26.109	-0.310	26.126	-0.238	26.144	-0.148	26.159	-0.063	29.458	-0.226	29.471	-0.252	29.482	-0.265	29.491	-0.271
26.174	-0.005	26.194	0.041	26.210	0.093	26.233	0.158	29.502	-0.252	29.516	-0.226	29.537	-0.187	29.552	-0.154
26.253	0.229	26.274	0.281	26.288	0.327	26.309	0.359	29.568	-0.115	29.587	-0.095	29.602	-0.076	29.617	-0.063
26.330	0.379	26.342	0.398	26.359	0.450	26.375	0.483	29.632	-0.043	29.644	-0.030	29.654	-0.030	29.671	-0.030
26.390	0.496	26.404	0.477	26.421	0.419	26.435	0.399	29.684	-0.023	29.704	-0.017	29.717	0.003	29.728	0.042
26.453	0.225	26.467	0.122	26.483	0.025	26.497	-0.040	29.740	0.075	29.756	0.140	29.773	0.198	29.787	0.231
26.513	-0.079	26.524	-0.078	26.536	-0.104	26.549	-0.130	29.800	0.244	29.812	0.251	29.828	0.238	29.841	0.225
26.565	-0.194	26.582	-0.285	26.601	-0.369	26.623	-0.460	29.854	0.206	29.867	0.193	29.888	0.181	29.898	0.181
26.639	-0.518	26.653	-0.563	26.666	-0.583	26.674	-0.583	29.911	0.207	29.925	0.220	29.937	0.233	29.954	0.260
26.686	-0.550	26.699	-0.479	26.714	-0.381	26.727	-0.277	29.966	0.266	29.980	0.260	29.997	0.247	30.019	0.221
26.741	-0.199	26.753	-0.141	26.770	-0.095	26.791	-0.043	30.034	0.202	30.049	0.176	30.057	0.144	30.074	0.092
26.809	-0.004	26.826	0.074	26.843	0.139	26.860	0.236	30.092	0.034	30.102	-0.018	30.116	-0.044	30.129	-0.059
26.879	0.353	26.897	0.457	26.912	0.522	26.928	0.587	30.145	-0.057	30.160	-0.057	30.174	-0.070	30.189	-0.089
26.940	0.600	26.953	0.600	26.968	0.549	26.984	0.490	30.206	-0.115	30.220	-0.161	30.234	-0.193	30.250	-0.245
27.002	0.426	27.022	0.374	27.039	0.342	27.054	0.297	30.261	-0.264	30.278	-0.290	30.290	-0.303	30.302	-0.316
27.065	0.265	27.078	0.239	27.092	0.220	27.102	0.205	30.314	-0.322	30.320	-0.315	30.342	-0.308	30.362	-0.282
27.115	0.155	27.128	0.104	27.140	0.026	27.150	-0.025	30.378	-0.249	30.394	-0.203	30.409	-0.203	30.424	-0.177
27.163	-0.109	27.178	-0.200	27.191	-0.258	27.203	-0.309	30.444	-0.137	30.457	-0.104	30.469	-0.046	30.481	-0.006
27.218	-0.354	27.234	-0.393	27.247	-0.431	27.260	-0.463	30.496	0.079	30.511	0.151	30.524	0.210	30.539	0.256
27.272	-0.489	27.283	-0.502	27.295	-0.514	27.307	-0.533	30.553	0.289	30.568	0.322	30.581	0.336	30.593	0.343
27.320	-0.514	27.334	-0.487	27.347	-0.461	27.360	-0.435	30.604	0.337	30.619	0.338	30.632	0.319	30.647	0.300
27.378	-0.408	27.393	-0.376	27.409	-0.297	27.426	-0.226	30.659	0.275	30.671	0.237	30.686	0.231	30.706	0.231
27.437	-0.148	27.451	-0.069	27.463	-0.011	27.478	0.035	30.723	0.225	30.735	0.206	30.743	0.161	30.759	0.116

30.770	0.071	30.781	0.014	30.801	-0.025	30.813	-0.044	33.507	-0.120	33.518	-0.146	33.530	-0.165	33.543	-0.184
30.828	-0.076	30.838	-0.075	30.854	-0.088	30.869	-0.107	33.557	-0.178	33.575	-0.178	33.586	-0.177	33.597	-0.184
30.884	-0.132	30.900	-0.138	30.915	-0.146	30.926	-0.150	33.602	-0.229	33.620	-0.229	33.630	-0.235	33.643	-0.203
30.940	-0.169	30.953	-0.201	30.968	-0.238	30.979	-0.278	33.662	-0.112	33.679	-0.021	33.696	0.083	33.714	0.174
30.993	-0.290	31.008	-0.283	31.023	-0.244	31.036	-0.205	33.729	0.219	33.741	0.232	33.756	0.226	33.773	0.213
31.048	-0.159	31.061	-0.139	31.073	-0.106	31.086	-0.079	33.786	0.200	33.806	0.181	33.819	0.162	33.835	0.155
31.099	-0.046	31.113	-0.013	31.122	0.013	31.132	0.033	33.850	0.168	33.866	0.195	33.881	0.221	33.894	0.215
31.146	0.033	31.158	0.027	31.170	0.008	31.180	-0.011	33.907	0.196	33.925	0.125	33.946	0.055	33.963	0.010
31.191	-0.017	31.202	-0.023	31.212	-0.016	31.226	0.004	33.977	-0.035	33.995	-0.054	34.012	-0.086	34.023	-0.112
31.239	0.037	31.251	0.102	31.260	0.135	31.270	0.168	34.038	-0.131	34.053	-0.156	34.069	-0.175	34.081	-0.188
31.278	0.181	31.290	0.187	31.306	0.188	31.319	0.188	34.096	-0.207	34.112	-0.239	34.126	-0.264	34.138	-0.277
31.333	0.182	31.346	0.175	31.362	0.156	31.374	0.143	34.153	-0.263	34.169	-0.211	34.181	-0.159	34.191	-0.106
31.386	0.118	31.397	0.098	31.407	0.092	31.419	0.073	34.209	-0.067	34.225	-0.054	34.241	-0.034	34.257	-0.007
31.430	0.066	31.444	0.073	31.457	0.080	31.466	0.073	34.273	0.026	34.288	0.065	34.300	0.091	34.314	0.111
31.476	0.047	31.489	0.009	31.501	-0.037	31.515	-0.075	34.328	0.118	34.343	0.092	34.355	0.067	34.365	0.028
31.525	-0.108	31.534	-0.114	31.542	-0.121	31.553	-0.108	34.375	-0.011	34.389	-0.049	34.404	-0.055	34.414	-0.062
31.563	-0.094	31.570	-0.062	31.582	-0.029	31.594	-0.010	34.426	-0.035	34.436	-0.003	34.446	0.043	34.458	0.095
31.603	-0.083	31.614	-0.010	31.626	-0.029	31.638	-0.048	34.472	0.141	34.485	0.187	34.497	0.232	34.509	0.259
31.653	-0.087	31.664	-0.112	31.675	-0.151	31.686	-0.176	34.517	0.278	34.529	0.266	34.538	0.227	34.548	0.163
31.696	-0.176	31.704	-0.182	31.716	-0.169	31.727	-0.143	34.559	0.072	34.568	0.001	34.579	-0.070	34.592	-0.102
31.741	-0.078	31.754	-0.013	31.770	0.079	31.784	0.163	34.601	-0.108	34.616	-0.120	34.631	-0.113	34.648	-0.080
31.798	0.248	31.809	0.294	31.825	0.359	31.837	0.372	*34.662	-0.067	34.664	-0.060	34.668	-0.054	34.672	-0.061
31.846	0.366	31.856	0.334	31.871	0.282	31.883	0.211	34.676	-0.068	34.683	-0.075	34.693	-0.095	34.706	-0.128
31.893	0.173	31.904	0.134	31.916	0.108	31.924	0.089	34.719	-0.155	34.733	-0.202	34.747	-0.236	34.761	-0.263
31.933	0.102	31.948	0.096	31.960	0.110	31.969	0.103	34.774	-0.270	34.786	-0.245	34.800	-0.195	34.817	-0.125
31.979	0.078	31.991	0.052	32.008	0.026	32.023	-0.025	34.830	-0.061	34.844	-0.004	34.859	0.053	34.874	0.091
32.038	-0.064	32.050	-0.103	32.063	-0.135	32.076	-0.161	34.890	0.111	34.907	0.111	34.922	0.098	34.936	0.086
32.088	-0.173	32.100	-0.180	32.115	-0.166	32.127	-0.134	34.950	0.092	34.964	0.125	34.979	0.171	34.994	0.217
32.139	-0.088	32.149	-0.043	32.161	0.016	32.171	0.068	35.009	0.243	35.025	0.282	35.043	0.308	35.056	0.341
32.183	0.100	32.198	0.120	32.220	0.127	32.235	0.140	35.075	0.354	35.083	0.329	35.093	0.284	35.106	0.200
32.249	0.166	32.260	0.160	32.271	0.160	32.283	0.147	35.119	0.341	35.129	0.077	35.142	0.025	35.157	-0.020
32.294	0.154	32.311	0.174	32.321	0.206	32.340	0.220	35.172	-0.052	35.190	-0.077	35.205	-0.090	35.220	-0.109
32.350	0.220	32.363	0.155	32.375	0.091	32.385	0.026	35.237	-0.128	35.252	-0.122	35.269	-0.134	35.285	-0.140
32.394	-0.032	32.407	-0.097	32.421	-0.123	32.430	-0.130	35.301	-0.133	35.315	-0.140	35.328	-0.120	35.344	-0.101
32.440	-0.123	32.454	-0.104	32.472	-0.039	32.485	0.052	35.362	-0.088	35.371	-0.101	35.383	-0.127	35.400	-0.160
32.497	0.149	32.508	0.214	32.521	0.253	32.533	0.246	35.416	-0.186	35.430	-0.199	35.444	-0.186	35.459	-0.134
32.544	0.201	32.559	0.130	32.574	0.058	32.585	0.019	35.476	-0.082	35.492	-0.031	35.511	0.028	35.527	0.053
32.596	0.006	32.606	0.019	32.621	0.057	32.635	0.096	35.541	0.093	35.556	0.106	35.571	0.119	35.586	0.132
32.649	0.128	32.664	0.141	32.676	0.140	32.688	0.134	35.602	0.139	35.617	0.165	35.633	0.211	35.647	0.256
32.701	0.095	32.717	0.029	32.733	-0.042	32.746	-0.107	35.664	0.289	35.681	0.309	35.693	0.303	35.707	0.277
32.759	-0.159	32.773	-0.205	32.785	-0.244	32.793	-0.251	35.719	0.238	35.732	0.212	35.746	0.180	35.760	0.148
32.805	-0.231	32.813	-0.199	32.824	-0.141	32.838	-0.076	35.773	0.103	35.785	0.058	35.800	0.032	35.815	0.013
32.848	-0.044	32.861	-0.031	32.875	-0.038	32.887	-0.058	35.829	0.020	35.846	0.013	35.858	-0.019	35.869	-0.058
32.903	-0.084	32.917	-0.123	32.929	-0.156	32.938	-0.188	35.885	-0.096	35.899	-0.128	35.916	-0.135	35.929	-0.122
32.948	-0.208	32.953	-0.208	32.964	-0.176	32.975	-0.098	35.945	-0.115	35.963	-0.121	35.977	-0.141	35.991	-0.160
32.988	0.012	33.000	0.128	33.015	0.232	33.023	0.270	36.007	-0.173	36.021	-0.192	36.039	-0.192	36.053	-0.185
33.038	0.309	33.054	0.322	33.069	0.315	33.084	0.295	36.069	-0.172	36.086	-0.146	36.106	-0.107	36.123	-0.068
33.094	0.269	33.103	0.256	33.114	0.237	33.126	0.217	36.141	-0.016	36.158	-0.002	36.174	0.024	36.191	0.038
33.140	0.223	33.153	0.256	33.170	0.301	33.183	0.379	36.208	0.051	36.226	0.077	36.246	0.117	36.262	0.156
33.195	0.463	33.208	0.540	33.216	0.579	33.224	0.592	36.276	0.202	36.291	0.235	36.306	0.261	36.321	0.275
33.231	0.566	33.238	0.527	33.246	0.475	33.255	0.404	36.335	0.275	36.349	0.263	36.363	0.250	36.376	0.225
33.265	0.307	33.276	0.209	33.290	0.099	33.300	0.008	36.394	0.193	36.408	0.161	36.422	0.135	36.439	0.123
33.311	-0.057	33.325	-0.095	33.332	-0.108	33.340	-0.102	36.452	0.049	36.468	0.046	36.482	0.008	36.495	-0.031
33.352	-0.082	33.365	-0.050	33.375	-0.017	33.386	0.009	36.510	-0.063	36.526	-0.095	36.544	-0.127	36.562	-0.165
33.395	0.015	33.411	0.003	33.427	-0.030	33.440	-0.049	36.578	-0.184	36.592	-0.191	36.606	-0.203	36.620	-0.209
33.458	-0.062	33.474	-0.068	33.485	-0.081	33.495	-0.087	36.635	-0.228	36.648	-0.241	36.665	-0.267	36.681	-0.247

36.700	-0.207	36.714	-0.162	36.731	-0.129	36.752	-0.116	40.019	-0.057	40.031	-0.037	40.046	-0.010	40.062	0.010
36.765	-0.103	36.782	-0.077	36.797	-0.024	36.813	0.034	40.077	0.023	40.094	0.030	40.110	0.030	40.126	0.037
36.832	0.073	36.849	0.100	36.866	0.119	36.879	0.145	40.139	0.064	40.153	0.090	40.167	0.117	40.180	0.143
36.897	0.198	36.912	0.237	36.924	0.250	36.934	0.219	40.253	0.156	40.268	0.157	40.282	0.144	40.295	0.145
36.946	0.263	36.959	0.244	36.971	0.238	36.991	0.219	40.306	0.132	40.317	0.120	40.331	0.094	40.347	0.062
37.006	0.206	37.020	0.200	37.033	0.180	37.046	0.168	40.420	0.037	40.435	0.018	40.449	0.025	40.464	0.025
37.062	0.155	37.080	0.155	37.092	0.136	37.104	0.104	40.474	0.038	40.488	0.044	40.502	0.044	40.515	0.019
37.118	0.072	37.133	0.020	37.147	-0.044	37.162	-0.083	40.528	0.004	40.544	0.017	40.559	0.010	40.574	0.018
37.174	-0.115	37.188	-0.127	37.198	-0.127	37.214	-0.127	40.641	-0.004	40.658	0.005	40.671	0.012	40.684	0.012
37.228	-0.107	37.243	-0.087	37.258	-0.097	37.275	-0.093	40.700	-0.000	40.716	-0.007	40.730	-0.013	40.744	-0.026
37.293	-0.106	37.305	-0.112	37.319	-0.098	37.332	-0.072	40.757	-0.032	40.770	-0.019	40.784	-0.005	40.796	0.014
37.344	-0.052	37.362	-0.026	37.377	-0.006	37.392	0.001	40.809	0.004	40.827	0.067	40.842	0.106	40.857	0.125
37.406	0.008	37.422	0.009	37.438	0.016	37.455	0.016	40.872	0.152	40.885	0.165	40.898	0.165	40.907	0.146
37.469	0.010	37.485	0.030	37.500	0.050	37.514	0.083	40.919	0.126	40.932	0.094	40.946	0.081	40.959	0.062
37.529	0.096	37.543	0.103	37.561	0.104	37.579	0.098	40.974	0.050	40.990	0.043	41.001	0.050	41.016	0.057
37.594	0.111	37.606	0.131	37.620	0.138	37.633	0.126	41.031	0.044	41.042	0.038	41.058	0.025	41.073	0.012
37.645	0.100	37.656	0.068	37.673	0.062	37.689	0.063	41.088	-0.000	41.100	-0.000	41.115	-0.013	41.128	-0.006
37.708	0.076	37.724	0.077	37.736	0.064	37.750	0.052	41.146	-0.012	41.161	-0.006	41.175	-0.006	41.193	-0.005
37.766	0.033	37.785	0.007	37.801	0.001	37.818	-0.004	41.212	-0.009	41.230	0.002	41.246	0.015	41.260	0.035
37.833	-0.023	37.846	-0.036	37.860	-0.055	37.875	-0.061	41.277	0.029	41.296	0.022	41.310	0.016	41.330	0.004
37.892	-0.047	37.909	-0.040	37.927	-0.040	37.944	-0.052	41.342	0.004	41.355	0.011	41.371	0.037	41.386	0.057
37.962	-0.058	37.981	-0.064	37.997	-0.063	38.014	-0.043	41.404	0.037	41.419	0.064	41.433	0.064	41.446	0.045
38.031	-0.030	38.046	-0.010	38.064	-0.004	38.080	0.024	41.459	0.026	41.476	0.020	41.489	0.001	41.504	0.001
38.099	0.050	38.117	0.070	38.130	0.090	38.150	0.091	41.521	0.008	41.532	0.028	41.549	0.035	41.564	0.042
38.167	0.092	38.181	0.086	38.200	0.080	38.218	0.074	41.580	0.043	41.595	0.030	41.609	0.011	41.626	0.012
38.235	0.062	38.250	0.043	38.265	0.025	38.280	-0.001	41.643	0.012	41.660	0.019	41.677	0.020	41.695	0.020
38.343	0.067	38.354	0.055	38.366	0.029	38.379	-0.003	41.713	0.028	41.726	0.047	41.741	0.074	41.757	0.100
38.456	-0.025	38.473	-0.050	38.491	-0.049	38.506	-0.048	41.772	0.114	41.786	0.095	41.799	0.076	41.812	0.037
38.520	-0.035	38.538	-0.027	38.551	-0.046	38.565	-0.065	41.826	0.018	41.840	-0.007	41.854	-0.020	41.869	-0.013
38.581	-0.071	38.597	-0.070	38.611	-0.056	38.623	-0.036	41.884	0.001	41.899	0.034	41.914	0.040	41.928	0.060
38.639	-0.029	38.656	-0.035	38.672	-0.047	38.687	-0.040	41.942	0.074	41.954	0.061	41.967	0.048	41.978	0.029
38.699	-0.013	38.716	0.007	38.732	0.021	38.749	0.021	41.992	0.023	42.005	0.010	42.018	0.011	42.033	0.009
38.765	0.015	38.780	0.003	38.794	-0.016	38.807	-0.041	42.049	-0.021	42.062	-0.021	42.074	-0.021	42.089	-0.007
38.822	-0.047	38.837	-0.047	38.852	-0.020	38.867	0.006	42.101	-0.007	42.115	-0.000	42.128	0.007	42.143	0.020
38.881	0.027	38.898	0.034	38.911	0.015	38.922	0.015	42.159	0.020	42.174	0.001	42.190	-0.018	42.207	-0.037
38.932	-0.004	38.946	-0.017	38.963	-0.036	38.979	-0.029	42.223	-0.049	42.236	-0.043	42.251	-0.036	42.265	-0.023
38.993	-0.015	39.008	0.005	39.025	0.031	39.037	0.064	42.282	-0.022	42.297	-0.028	42.314	-0.041	42.332	-0.047
39.050	0.084	39.065	0.097	39.075	0.078	39.087	0.053	42.348	-0.066	42.363	-0.078	42.378	-0.084	42.395	-0.083
39.101	0.021	39.111	-0.024	39.122	-0.050	39.133	-0.095	42.407	-0.070	42.422	-0.050	42.437	-0.023	42.448	-0.010
39.146	-0.108	39.158	-0.114	39.170	-0.114	39.183	-0.087	42.463	0.004	42.477	0.024	42.494	0.025	42.508	0.025
39.197	-0.074	39.210	-0.054	39.229	-0.028	39.243	-0.021	42.524	0.013	42.539	0.013	42.555	0.008	42.572	0.002
39.258	-0.034	39.272	-0.053	39.285	-0.079	39.301	-0.058	42.590	-0.004	42.607	-0.010	42.622	-0.003	42.636	-0.008
39.314	-0.123	39.326	-0.129	39.337	-0.123	39.348	-0.097	42.651	-0.014	42.667	-0.020	42.684	-0.032	42.701	-0.038
39.360	-0.070	39.375	-0.025	39.389	0.008	39.404	0.047	42.718	-0.050	42.731	-0.037	42.746	-0.030	42.759	-0.003
39.420	0.074	39.434	0.087	39.448	0.094	39.460	0.075	42.773	0.017	42.786	0.017	42.801	0.018	42.814	0.005
39.473	0.062	39.489	0.023	39.504	0.004	39.521	-0.008	42.827	-0.014	42.842	-0.032	42.857	-0.058	42.874	-0.076
39.537	-0.008	39.554	0.013	39.569	0.039	39.585	0.066	42.891	-0.082	42.904	-0.075	42.919	-0.055	42.934	-0.048
39.601	0.080	39.615	0.093	39.631	0.088	39.644	0.082	42.949	-0.054	42.965	-0.053	42.982	-0.059	42.996	-0.071
39.656	0.070	39.670	0.031	39.682	-0.007	39.695	-0.026	43.012	-0.090	43.026	-0.103	43.041	-0.102	43.054	-0.095
39.710	-0.044	39.728	-0.050	39.745	-0.056	39.758	-0.055	43.067	-0.094	43.082	-0.081	43.096	-0.074	43.112	-0.054
39.774	-0.054	39.792	-0.060	39.808	-0.065	39.823	-0.077	43.127	-0.033	43.141	-0.027	43.159	-0.020	43.172	-0.027
39.838	-0.083	39.854	-0.102	39.868	-0.108	39.883	-0.133	43.186	-0.034	43.202	-0.026	43.218	-0.026	43.235	-0.013
39.899	-0.151	39.914	-0.170	39.929	-0.163	39.944	-0.156	43.251	0.007	43.266	0.027	43.281	0.059	43.294	0.085
39.960	-0.143	39.976	-0.129	39.989	-0.103	40.005	-0.070								

43.311	0.099	43.329	0.092	43.342	0.067	43.357	0.034
43.372	0.015	43.385	-0.011	43.400	-0.030	43.415	-0.037
43.429	-0.049	43.445	-0.056	43.464	-0.056	43.478	-0.055
43.494	-0.049	43.508	-0.042	43.522	-0.055	43.535	-0.067
43.552	-0.073	43.564	-0.067	43.577	-0.053	43.592	-0.027
43.607	-0.014	43.623	0.013	43.637	0.032	43.652	0.052
43.668	0.066	43.685	0.085	43.701	0.092	43.717	0.093
43.732	0.106	43.749	0.113	43.765	0.120	43.785	0.140
43.802	0.147	43.819	0.154	43.837	0.161	43.853	0.168
43.869	0.169	43.884	0.150	43.899	0.131	43.911	0.099
43.984	-0.067	43.941	0.029	43.957	-0.010	43.970	-0.035
44.050	-0.124	44.066	-0.123	44.080	-0.110	44.098	-0.096
44.113	-0.089	44.126	-0.102	44.142	-0.114	44.158	-0.127
44.173	-0.139	44.199	-0.132	44.213	-0.112	44.228	-0.092
44.238	-0.066	44.252	-0.033	44.267	0.013	44.282	0.046
44.295	0.072	44.309	0.099	44.324	0.112	44.337	0.132
44.352	0.139	44.365	0.152	44.380	0.172	44.394	0.179
44.411	0.186	44.428	0.180	44.444	0.181	44.460	0.181
44.475	0.162	44.486	0.143	44.501	0.118	44.516	0.086
44.529	0.060	44.546	0.035	44.560	0.003	44.575	-0.023
44.588	-0.048	44.603	-0.086	44.616	-0.106	44.631	-0.124
44.645	-0.131	44.659	-0.130	44.674	-0.117	44.690	-0.097
44.705	-0.083	44.720	-0.083	44.736	-0.082	44.752	-0.081
44.770	-0.068	44.785	-0.054	44.802	-0.040	44.813	-0.021
44.829	0.013	44.843	0.039	44.858	0.059	44.874	0.079
44.889	0.093	44.903	0.106	44.919	0.107	44.933	0.101
44.949	0.096	44.962	0.096	44.972	0.090	44.985	0.110
45.002	0.124	45.014	0.138	45.031	0.152	45.045	0.152
45.037	0.147	45.073	0.121	45.087	0.090	45.100	0.064
45.115	-0.033	45.132	0.014	45.144	0.001	45.159	-0.017
45.173	-0.023	45.189	-0.029	45.203	-0.035	45.216	-0.054
45.229	-0.080	45.244	-0.098	45.259	-0.137	45.275	-0.162
45.291	-0.194	45.302	-0.206	45.313	-0.212	45.326	-0.192
45.362	-0.172	45.359	-0.146	45.374	-0.119	45.388	-0.093
45.403	-0.079	45.417	-0.066	45.432	-0.058	45.448	-0.051
45.465	-0.051	45.481	-0.037	45.496	-0.024	45.512	-0.023
45.522	0.010	45.535	0.037	45.549	0.070	45.564	0.083
45.581	0.097	45.596	0.092	45.612	0.086	45.629	0.093
45.645	0.088	45.661	0.095	45.677	0.102	45.692	0.103
45.708	0.110	45.723	0.117	45.740	0.105	45.753	0.079
45.766	0.060	45.780	0.029	45.793	0.010	45.807	-0.009
45.820	-0.035	45.837	-0.060	45.854	-0.086	45.871	-0.111
45.886	-0.123	45.903	-0.123	45.918	-0.123	45.936	-0.129
45.954	-0.122	45.970	-0.122	45.987	-0.141	46.002	-0.147
46.016	-0.127	46.030	-0.121	46.044	-0.107	46.061	-0.094
46.074	-0.074	46.091	-0.048	46.108	-0.028	46.123	0.004
46.137	0.024	46.151	0.037	46.164	0.044	46.179	0.051
46.190	0.064	46.206	0.084	46.222	0.104	46.235	0.123
46.249	0.143	46.265	0.169	46.281	0.195	46.292	0.202
46.305	0.189	46.320	0.170	46.337	0.144	46.349	0.125
46.364	0.112	46.378	0.099	46.390	0.099	46.405	0.092

IR252

71.199 2/9/71 0600PST L.A. 234 FIGUEROA ST. ROOF

UP

4685 POINTS 46.356 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADIRECTION, IS 0.1753 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.326	0.010	-0.249	0.020	-0.145	0.030	-0.059	1.193	0.256	1.198	0.192	1.205	0.102	1.212	-0.003	1.220	-0.153	1.226	-0.312
0.040	-0.009	0.055	0.022	0.064	0.063	0.073	0.108	1.220	-0.153	1.232	-0.266	1.239	-0.312	1.244	-0.325	1.250	-0.294	1.258	-0.154
0.082	0.140	0.088	0.108	0.096	0.045	0.100	-0.001	1.250	-0.294	1.258	-0.244	1.268	-0.154	1.278	-0.063	1.283	-0.014	1.292	-0.004
0.108	-0.028	0.116	0.008	0.126	0.099	0.137	0.167	1.283	-0.014	1.292	-0.004	1.298	-0.041	1.306	-0.182	1.315	-0.354	1.325	-0.441
0.146	0.198	0.152	0.171	0.159	0.094	0.166	-0.042	1.315	-0.354	1.325	-0.441	1.333	-0.473	1.341	-0.496	1.348	-0.455	1.354	-0.387
0.172	-0.173	0.179	-0.328	0.185	-0.400	0.191	-0.441	1.348	-0.455	1.354	-0.387	1.363	-0.215	1.373	-0.084	1.379	-0.007	1.386	0.074
0.199	-0.419	0.209	-0.328	0.217	-0.224	0.227	-0.120	1.379	-0.007	1.386	0.074	1.394	0.160	1.400	0.206	1.408	0.169	1.414	0.047
0.236	0.043	0.244	0.220	0.251	0.373	0.257	0.419	1.408	0.169	1.414	0.047	1.422	-0.089	1.429	-0.203	1.436	-0.221	1.441	-0.189
0.265	0.441	0.271	0.400	0.278	0.332	0.285	0.187	1.436	-0.221	1.441	-0.189	1.446	-0.076	1.453	0.109	1.461	0.372	1.465	0.463
0.291	0.001	0.298	-0.194	0.303	-0.367	0.310	-0.494	1.461	0.372	1.465	0.463	1.471	0.490	1.476	0.458	1.482	0.290	1.491	-0.036
0.315	-0.557	0.321	-0.580	0.328	-0.558	0.336	-0.485	1.482	0.290	1.491	-0.036	1.499	-0.317	1.507	-0.494	1.514	-0.567	1.522	-0.540
0.343	-0.395	0.350	-0.277	0.357	-0.123	0.366	0.053	1.514	-0.567	1.522	-0.540	1.532	-0.458	1.539	-0.318	1.549	-0.078	1.559	0.267
0.371	0.112	0.377	0.130	0.384	0.107	0.391	0.034	1.549	-0.078	1.559	0.267	1.567	0.638	1.575	0.983	1.579	0.019	1.583	1.023
0.400	-0.066	0.411	-0.239	0.419	-0.393	0.424	-0.443	1.579	0.019	1.583	1.023	1.587	0.638	1.593	0.874	1.602	0.488	1.612	-0.042
0.431	-0.480	0.439	-0.462	0.447	-0.412	0.455	-0.208	1.602	0.488	1.612	-0.042	1.620	-0.409	1.625	-0.668	1.630	-0.808	1.637	-0.876
0.464	0.104	0.474	0.503	0.481	0.752	0.485	0.811	1.630	-0.808	1.637	-0.876	1.643	-0.854	1.655	-0.732	1.667	-0.578	1.677	-0.397
0.490	0.833	0.494	0.793	0.499	0.679	0.505	0.416	1.667	-0.578	1.677	-0.397	1.686	-0.202	1.691	-0.125	1.698	-0.107	1.705	-0.143
0.512	0.135	0.520	-0.182	0.527	-0.405	0.531	-0.491	1.698	-0.107	1.705	-0.143	1.711	-0.257	1.720	-0.393	1.719	-0.031	1.726	-0.438
0.537	-0.536	0.544	-0.496	0.550	-0.410	0.558	-0.219	1.719	-0.031	1.726	-0.438	1.733	-0.411	1.740	-0.343	1.756	-0.003	1.761	0.074
0.565	0.016	0.573	0.261	0.581	0.524	0.587	0.673	1.756	-0.003	1.761	0.074	1.767	0.092	1.772	0.046	1.779	-0.031	1.786	-0.080
0.593	0.736	0.598	0.687	0.605	0.537	0.612	0.301	1.779	-0.031	1.786	-0.080	1.793	-0.062	1.801	0.078	1.808	0.205	1.814	0.282
0.620	-0.007	0.628	-0.356	0.635	-0.574	0.638	-0.655	1.808	0.205	1.814	0.282	1.822	0.305	1.827	0.278	1.834	0.182	1.844	0.028
0.644	-0.701	0.648	-0.656	0.655	-0.511	0.661	-0.261	1.834	0.182	1.844	0.028	1.851	-0.112	1.859	-0.153	1.866	-0.126	1.874	-0.031
0.670	0.042	0.677	0.255	0.682	0.314	0.689	0.323	1.866	-0.126	1.874	-0.031	1.882	0.069	1.889	0.106	1.896	0.119	1.907	0.083
0.695	0.291	0.703	0.228	0.711	0.101	0.724	-0.067	1.896	0.119	1.907	0.083	1.920	0.051	1.928	0.006	1.935	-0.075	1.942	-0.189
0.733	-0.235	0.741	-0.448	0.749	-0.656	0.753	-0.733	1.935	-0.075	1.942	-0.189	1.948	-0.238	1.954	-0.261	1.962	-0.243	1.970	-0.207
0.760	-0.769	0.765	-0.738	0.770	-0.688	0.777	-0.561	1.962	-0.243	1.970	-0.207	1.984	-0.184	1.994	-0.138	2.002	-0.039	2.011	0.152
0.785	-0.398	0.795	-0.157	0.804	-0.033	0.811	0.110	2.002	-0.039	2.011	0.152	2.019	0.333	2.026	0.446	2.031	0.473	2.037	0.442
0.817	0.137	0.823	0.096	0.832	0.001	0.843	-0.080	2.031	0.473	2.037	0.442	2.044	0.328	2.052	0.102	2.062	-0.207	2.069	-0.442
0.853	-0.130	0.858	-0.153	0.866	-0.130	0.878	-0.071	2.062	-0.207	2.069	-0.442	2.075	-0.515	2.083	-0.479	2.090	-0.361	2.100	-0.316
0.885	-0.044	0.893	-0.076	0.902	-0.121	0.908	-0.094	2.090	-0.361	2.100	-0.316	2.108	-0.343	2.115	-0.370	2.122	-0.320	2.132	-0.189
0.915	-0.012	0.923	0.151	0.932	0.296	0.938	0.328	2.122	-0.320	2.132	-0.189	2.140	-0.103	2.152	-0.006	2.160	0.069	2.168	0.083
0.944	0.297	0.950	0.224	0.957	0.129	0.965	0.075	2.160	0.069	2.168	0.083	2.175	0.065	2.185	0.028	2.195	0.064	2.204	0.105
0.979	0.079	0.986	0.034	0.993	-0.093	1.003	-0.266	2.195	0.064	2.204	0.105	2.212	0.060	2.220	-0.045	2.228	-0.199	2.235	-0.262
1.009	-0.393	1.016	-0.425	1.023	-0.397	1.031	-0.284	2.228	-0.199	2.235	-0.262	2.241	-0.285	2.247	-0.253	2.253	-0.167	2.260	0.018
1.039	-0.203	1.048	-0.162	1.053	-0.149	1.063	-0.086	2.253	-0.167	2.260	0.018	2.270	0.213	2.277	0.313	2.284	0.335	2.290	0.303
1.080	0.059	1.089	0.191	1.095	0.254	1.102	0.272	2.284	0.335	2.290	0.303	2.298	0.213	2.309	0.063	2.319	-0.168	2.328	-0.327
1.105	0.236	1.110	0.145	1.119	-0.055	1.126	-0.218	2.319	-0.168	2.328	-0.327	2.339	-0.459	2.345	-0.491	2.350	-0.513	2.357	-0.486
1.134	-0.291	1.142	-0.246	1.151	-0.092	1.158	-0.071	2.350	-0.513	2.357	-0.486	2.366	-0.414	2.374	-0.282	2.383	-0.156	2.393	-0.079
1.166	0.162	1.175	0.220	1.181	0.256	1.188	0.279	2.383	-0.156	2.393	-0.079	2.400	-0.043	2.409	-0.065				

2.418	-0.161	2.427	-0.238	2.439	-0.288	2.451	-0.320	4.139	0.397	4.145	0.442	4.151	0.447	4.158	0.465
2.459	-0.343	2.467	-0.297	2.475	-0.148	2.483	0.088	4.164	0.428	4.172	0.279	4.181	0.170	4.189	0.074
2.490	0.319	2.497	0.423	2.502	0.441	2.507	0.414	4.198	-0.134	4.203	-0.198	4.211	-0.216	4.218	-0.180
2.514	0.278	2.525	-0.035	2.534	-0.321	2.541	-0.529	4.225	-0.103	4.232	0.015	4.235	0.083	4.241	0.114
2.546	0.602	2.551	-0.625	2.555	-0.607	2.563	-0.484	4.245	0.087	4.251	0.005	4.258	-0.185	4.265	-0.312
2.573	-0.312	2.584	-0.090	2.595	0.177	2.603	0.417	4.272	-0.376	4.276	-0.403	4.282	-0.371	4.289	-0.186
2.611	0.567	2.616	0.603	2.620	0.626	2.626	0.599	4.297	0.036	4.304	0.113	4.311	0.349	4.317	0.467
2.633	0.467	2.642	0.222	2.651	-0.082	2.658	-0.249	4.321	0.489	4.333	0.322	4.341	0.322	4.342	0.113
2.662	-0.317	2.666	-0.335	2.671	-0.317	2.678	-0.199	4.347	0.054	4.354	0.022	4.360	0.072	4.372	0.208
2.684	-0.091	2.689	-0.050	2.695	-0.036	2.702	-0.068	4.380	0.339	4.383	0.471	4.388	0.498	4.392	0.466
2.715	-0.131	2.728	-0.204	2.736	-0.231	2.744	-0.199	4.399	0.357	4.409	0.244	4.420	0.126	4.431	0.008
2.752	-0.203	2.761	-0.249	2.770	-0.312	2.774	-0.330	4.440	-0.151	4.446	-0.301	4.454	-0.356	4.460	-0.320
2.779	-0.207	2.787	-0.167	2.795	-0.060	2.801	0.214	4.468	-0.279	4.474	-0.143	4.480	-0.103	4.486	-0.076
2.807	0.246	2.812	0.205	2.820	0.083	2.830	-0.103	4.495	-0.081	4.501	0.010	4.512	0.019	4.520	0.073
2.840	-0.311	2.849	-0.511	2.858	-0.679	2.864	-0.746	4.526	0.045	4.530	-0.009	4.536	-0.050	4.541	-0.182
2.868	-0.774	2.875	-0.746	2.880	-0.601	2.887	-0.352	4.546	-0.336	4.551	-0.373	4.557	-0.314	4.562	-0.450
2.896	0.115	2.904	0.113	2.912	0.659	2.917	0.732	4.565	-0.482	4.569	-0.469	4.572	-0.410	4.578	-0.378
2.921	0.741	2.926	0.714	2.932	0.600	2.938	0.383	4.589	-0.483	4.594	-0.438	4.601	-0.189	4.611	-0.026
2.947	0.079	2.955	-0.138	2.960	-0.220	2.965	-0.256	4.616	0.046	4.624	0.046	4.633	0.104	4.641	0.099
2.970	-0.220	2.977	-0.143	2.986	-0.093	2.997	-0.098	4.652	0.013	4.657	-0.096	4.665	-0.138	4.672	-0.084
3.007	-0.098	3.017	-0.048	3.028	0.043	3.035	0.134	4.681	-0.025	4.691	0.024	4.697	0.074	4.702	0.055
3.048	0.193	3.060	0.242	3.070	0.279	3.080	0.315	4.715	0.091	4.720	0.018	4.727	-0.059	4.731	-0.100
3.086	0.419	3.094	0.437	3.096	0.410	3.101	0.279	4.738	-0.141	4.747	-0.296	4.756	-0.351	4.763	-0.401
3.107	0.197	3.114	0.038	3.119	-0.138	3.128	-0.224	4.775	-0.437	4.784	-0.469	4.790	-0.442	4.797	-0.275
3.132	-0.252	3.140	-0.270	3.144	-0.238	3.150	-0.147	4.805	-0.094	4.813	-0.022	4.818	-0.054	4.824	-0.036
3.156	-0.116	3.166	-0.156	3.178	-0.107	3.185	0.057	4.831	-0.095	4.841	-0.299	4.848	-0.440	4.853	-0.504
3.192	0.188	3.198	0.229	3.210	0.288	3.218	0.378	4.862	-0.522	4.869	-0.486	4.877	-0.405	4.882	-0.065
3.233	0.419	3.238	0.387	3.243	0.351	3.249	0.273	4.896	0.279	4.906	0.596	4.916	0.741	4.922	0.763
3.257	0.237	3.264	0.146	3.270	0.069	3.281	0.037	4.927	0.790	4.933	0.817	4.940	0.781	4.946	0.708
3.288	-0.067	3.297	-0.113	3.303	-0.240	3.309	-0.303	4.954	0.490	4.964	0.191	4.972	-0.077	4.980	-0.294
3.316	-0.331	3.324	-0.254	3.334	-0.254	3.341	-0.181	4.987	-0.449	4.997	-0.535	5.003	-0.490	5.010	-0.331
3.350	-0.150	3.357	-0.059	3.365	-0.014	3.372	-0.046	5.020	-0.064	5.026	0.036	5.032	0.067	5.040	0.026
3.380	-0.137	3.387	-0.228	3.395	-0.305	3.409	-0.324	5.051	-0.056	5.057	-0.106	5.067	-0.106	5.075	-0.192
3.414	-0.383	3.422	-0.519	3.428	-0.583	3.435	-0.605	5.085	-0.238	5.097	-0.238	5.111	-0.238	5.116	-0.306
3.440	-0.574	3.446	-0.452	3.453	-0.266	3.461	-0.008	5.125	-0.370	5.132	-0.320	5.140	-0.180	5.149	0.033
3.469	0.300	3.474	0.386	3.480	0.409	3.484	0.368	5.159	0.160	5.166	0.196	5.173	0.137	5.179	0.004
3.490	0.232	3.500	-0.004	3.508	-0.203	3.513	-0.280	5.185	-0.131	5.191	-0.217	5.204	-0.190	5.210	-0.122
3.518	0.308	3.523	-0.280	3.532	-0.181	3.540	0.010	5.215	-0.127	5.222	-0.068	5.230	0.149	5.234	0.267
3.550	0.272	3.558	0.467	3.563	0.535	3.570	0.567	5.236	0.280	5.240	0.236	5.245	0.103	5.250	0.003
3.576	0.535	3.583	0.426	3.590	0.200	3.600	-0.077	5.258	-0.079	5.264	-0.210	5.269	-0.365	5.281	-0.442
3.607	-0.317	3.616	-0.490	3.622	-0.549	3.629	-0.517	5.286	-0.401	5.295	-0.275	5.302	-0.130	5.307	-0.085
3.638	-0.422	3.648	-0.368	3.656	-0.345	3.667	-0.341	5.320	-0.135	5.324	-0.199	5.329	-0.344	5.333	-0.394
3.673	-0.273	3.682	-0.051	3.692	0.252	3.701	0.406	5.338	-0.408	5.343	-0.367	5.348	-0.204	5.354	0.013
3.705	0.438	3.709	0.397	3.715	0.293	3.724	0.043	5.360	0.221	5.368	0.267	5.370	0.235	5.379	0.049
3.732	0.193	3.741	-0.433	3.746	-0.533	3.752	-0.574	5.384	0.048	5.391	-0.120	5.396	-0.170	5.402	-0.347
3.758	-0.538	3.765	-0.411	3.770	-0.303	3.781	-0.190	5.411	-0.297	5.416	-0.316	5.422	-0.239	5.429	-0.171
3.788	-0.113	3.799	-0.154	3.806	-0.127	3.815	-0.014	5.435	-0.112	5.442	-0.073	5.447	0.191	5.452	0.104
3.823	0.086	3.833	0.122	3.839	0.117	3.848	0.126	5.457	-0.104	5.461	-0.209	5.464	-0.227	5.466	-0.191
3.853	0.099	3.862	-0.038	3.871	-0.133	3.876	-0.151	5.471	-0.055	5.475	0.008	5.484	-0.033	5.488	0.026
3.883	-0.133	3.891	0.007	3.901	0.161	3.912	0.170	5.493	0.157	5.498	0.175	5.506	0.080	5.512	-0.115
3.922	0.238	3.935	0.270	3.945	0.301	3.953	0.269	5.518	-0.147	5.525	-0.288	5.530	-0.384	5.538	-0.461
3.960	0.165	3.969	0.006	3.977	-0.089	3.984	-0.121	5.541	-0.611	5.547	-0.720	5.553	-0.688	5.560	-0.630
3.994	0.080	4.006	-0.071	4.013	-0.031	4.020	-0.076	5.568	-0.399	5.576	-0.109	5.582	0.140	5.585	0.217
4.033	-0.140	4.044	-0.222	4.053	-0.354	4.064	-0.386	5.590	-0.244	5.593	0.203	5.598	0.103	5.603	0.039
4.069	-0.413	4.079	-0.399	4.084	-0.422	4.092	-0.386	5.609	0.012	5.613	0.025	5.622	0.115	5.629	-0.026
4.100	-0.191	4.112	-0.017	4.125	0.189	4.132	0.347	5.638	-0.058	5.644	-0.004	5.652	0.150	5.659	0.390

5.664	0.566	5.670	0.625	5.688	1.077	5.701	0.211	7.209	-0.022	7.215	-0.153	7.219	-0.181	7.222	-0.154
5.709	-0.193	5.716	-0.488	5.722	-0.429	5.729	-0.316	7.229	-0.041	7.232	-0.023	7.240	-0.000	7.244	0.050
5.736	-0.158	5.743	-0.086	5.747	-0.132	5.753	0.200	7.249	0.068	7.252	0.045	7.260	-0.087	7.270	-0.282
5.760	0.290	5.767	0.145	5.773	0.149	5.779	-0.105	7.279	-0.509	7.284	-0.600	7.290	-0.623	7.296	-0.636
5.784	-0.051	5.789	-0.020	5.798	-0.532	5.804	-0.455	7.305	-0.248	7.312	-0.346	7.317	-0.383	7.323	-0.279
5.812	-0.682	5.816	-0.583	5.820	-0.565	5.826	-0.647	7.329	-0.613	7.337	-0.038	7.346	0.323	7.353	0.459
5.833	-0.457	5.841	-0.271	5.850	-0.040	5.855	0.014	7.361	0.500	7.369	0.436	7.375	0.373	7.384	0.250
5.860	0.136	5.865	0.122	5.874	-0.046	5.882	0.022	7.394	0.087	7.399	-0.018	7.406	-0.031	7.413	-0.013
5.892	0.200	5.898	-0.187	5.904	-0.209	5.915	-0.259	7.419	0.127	7.429	0.340	7.439	0.503	7.446	0.544
5.925	-0.559	5.929	-0.600	5.932	-0.559	5.943	0.261	7.451	0.517	7.461	0.385	7.474	0.145	7.482	-0.028
5.949	0.393	5.956	0.411	5.960	0.370	5.966	0.152	7.492	-0.359	7.505	-0.481	7.512	-0.631	7.519	-0.849
5.972	0.080	5.978	0.043	5.993	-0.338	6.000	-0.234	7.526	-0.930	7.531	-0.876	7.537	-0.749	7.547	-0.514
6.006	-0.252	6.011	-0.211	6.018	-0.361	6.023	-0.497	7.555	-0.301	7.561	-0.092	7.565	-0.001	7.572	0.030
6.027	-0.433	6.034	-0.030	6.038	0.151	6.043	0.052	7.576	0.017	7.581	-0.070	7.588	-0.228	7.597	-0.369
6.047	-0.161	6.052	-0.279	6.059	-0.375	6.066	-0.683	7.605	-0.469	7.612	-0.541	7.617	-0.496	7.623	-0.324
6.072	-0.533	6.077	-0.406	6.087	-0.352	6.093	-0.289	7.629	-0.306	7.635	-0.124	7.641	-0.138	7.646	-0.038
6.096	-0.261	6.102	-0.434	6.107	-0.361	6.111	-0.194	7.652	-0.088	7.658	0.007	7.673	0.084	7.681	0.247
6.117	-0.094	6.123	-0.162	6.131	0.010	6.136	-0.062	7.688	0.374	7.696	0.383	7.701	0.369	7.709	0.256
6.142	0.178	6.148	0.304	6.154	0.268	6.160	0.295	7.720	0.129	7.726	0.065	7.731	0.097	7.738	0.033
6.166	0.254	6.171	0.209	6.181	0.181	6.191	-0.145	7.745	0.029	7.753	0.069	7.763	0.042	7.771	0.056
6.195	-0.109	6.200	-0.150	6.208	-0.109	6.214	-0.304	7.778	0.124	7.784	0.142	7.794	0.332	7.801	0.400
6.221	-0.368	6.229	-0.327	6.238	-0.282	6.249	0.212	7.810	0.440	7.817	0.563	7.824	0.631	7.830	0.585
6.258	0.329	6.267	0.207	6.274	0.179	6.284	-0.351	7.838	0.549	7.845	0.513	7.856	0.526	7.864	0.553
6.292	-0.900	6.296	-1.090	6.299	-1.167	6.304	-1.100	7.869	0.517	7.876	0.462	7.884	0.435	7.891	0.308
6.311	-1.086	6.319	-0.633	6.331	-0.030	6.339	0.485	7.898	0.081	7.905	-0.028	7.913	-0.092	7.924	-0.060
6.343	0.500	6.349	0.527	6.358	0.477	6.368	0.505	7.933	0.007	7.941	0.112	7.951	0.170	7.958	0.143
6.376	0.485	6.382	0.594	6.388	0.576	6.392	0.512	7.966	0.047	7.973	0.034	7.983	-0.071	7.991	-0.144
6.396	0.485	6.402	0.507	6.406	0.353	6.415	0.004	7.997	-0.176	8.003	-0.149	8.011	0.001	8.016	0.091
6.419	-0.146	6.429	-0.160	6.438	-0.123	6.451	0.008	8.022	0.123	8.030	0.096	8.037	0.055	8.042	0.036
6.462	0.030	6.465	0.080	6.471	0.085	6.477	0.035	8.049	0.072	8.056	0.172	8.062	0.285	8.070	0.344
6.482	-0.025	6.491	-0.015	6.497	-0.070	6.506	-0.441	8.077	0.276	8.084	0.140	8.093	-0.069	8.101	-0.187
6.509	-0.645	6.512	-0.677	6.519	-0.627	6.527	-0.387	8.105	-0.237	8.114	-0.259	8.121	-0.223	8.130	-0.115
6.536	-0.229	6.546	0.007	6.554	0.238	6.558	0.306	8.145	0.012	8.154	-0.015	8.161	0.012	8.167	0.175
6.564	0.265	6.569	0.138	6.579	0.093	6.582	-0.161	8.178	0.225	8.188	0.438	8.197	0.383	8.204	0.474
6.586	-0.193	6.590	-0.333	6.595	-0.401	6.604	-0.379	8.210	0.591	8.215	0.533	8.221	0.356	8.229	0.206
6.609	-0.320	6.614	-0.356	6.623	-0.524	6.632	-0.751	8.233	0.111	8.239	-0.061	8.250	-0.229	8.259	-0.406
6.640	-0.959	6.646	-1.041	6.650	-1.023	6.660	-0.909	8.272	-0.143	8.276	-0.161	8.284	-0.070	8.294	0.215
6.667	-0.610	6.677	-0.139	6.686	0.119	6.694	0.187	8.301	0.310	8.304	0.333	8.315	0.483	8.325	0.614
6.698	0.156	6.706	-0.076	6.715	-0.343	6.723	-0.466	8.335	0.673	8.342	0.641	8.346	0.528	8.352	0.674
6.728	-0.443	6.734	-0.307	6.740	-0.189	6.748	-0.171	8.361	0.238	8.368	0.142	8.374	-0.107	8.381	-0.375
6.755	-0.117	6.761	-0.144	6.766	-0.108	6.771	0.001	8.388	-0.520	8.394	-0.579	8.400	-0.524	8.405	-0.475
6.776	0.028	6.780	0.001	6.788	-0.230	6.795	-0.512	8.414	-0.402	8.422	-0.244	8.430	-0.217	8.435	-0.262
6.799	-0.652	6.805	-0.693	6.809	-0.679	6.816	-0.611	8.443	-0.375	8.453	-0.349	8.467	-0.367	8.480	-0.453
6.829	-0.580	6.837	-0.498	6.842	-0.448	6.850	-0.435	8.491	-0.440	8.500	-0.418	8.510	-0.409	8.517	-0.359
6.860	-0.195	6.868	-0.036	6.874	0.009	6.885	-0.023	8.524	-0.223	8.534	-0.142	8.539	-0.002	8.548	0.052
6.890	-0.041	6.900	-0.064	6.908	-0.150	6.917	0.087	8.557	0.047	8.566	0.011	8.576	-0.035	8.586	-0.126
6.924	-0.100	6.935	-0.055	6.946	0.040	6.953	0.099	8.594	-0.131	8.602	-0.149	8.610	-0.099	8.617	-0.081
6.960	0.130	6.965	0.089	6.973	-0.047	6.984	-0.160	8.624	-0.113	8.632	-0.182	8.644	-0.218	8.654	-0.264
6.990	-0.283	6.999	-0.392	7.011	-0.351	7.021	-0.342	8.661	-0.369	8.669	-0.165	8.677	-0.097	8.686	0.098
7.025	-0.283	7.031	-0.111	7.041	-0.039	7.049	0.242	8.692	0.170	8.704	0.215	8.709	0.179	8.718	0.052
7.059	0.523	7.065	0.659	7.073	0.817	7.079	0.858	8.727	-0.084	8.738	-0.157	8.748	-0.198	8.761	-0.212
7.084	0.821	7.093	0.717	7.103	0.571	7.112	0.444	8.776	-0.171	8.797	-0.008	8.797	-0.008	8.808	0.096
7.118	0.321	7.122	0.267	7.129	0.248	7.133	0.271	8.817	0.141	8.822	0.132	8.832	0.232	8.838	0.155
7.139	0.325	7.144	0.339	7.149	0.279	7.154	0.189	8.845	-0.081	8.848	-0.140	8.855	-0.031	8.862	-0.018
7.166	0.156	7.174	0.088	7.179	-0.003	7.184	0.029	8.866	0.036	8.872	0.064	8.881	0.254	8.890	0.131
7.186	0.074	7.189	0.083	7.196	0.001	7.201	-0.017	8.898	0.059	8.903	0.082	8.914	-0.032	8.922	-0.163

8.929	-0.281	8.936	-0.353	8.944	-0.240	8.949	-0.290	10.692	0.192	10.698	0.183	10.704	0.146	10.709	0.124
8.952	-0.253	8.959	-0.281	8.965	-0.208	8.974	-0.240	10.715	0.092	10.720	0.051	10.727	-0.053	10.730	-0.157
8.981	-0.380	8.987	-0.466	8.994	-0.530	8.997	-0.620	10.735	0.266	10.739	-0.325	10.743	-0.343	10.749	-0.316
9.004	-0.647	9.012	-0.584	9.017	-0.665	9.025	-0.643	10.756	-0.307	10.761	-0.248	10.767	-0.130	10.772	-0.017
9.032	-0.520	9.040	-0.361	9.045	-0.380	9.054	-0.357	10.777	0.060	10.783	0.069	10.787	0.060	10.794	0.015
9.062	-0.280	9.071	-0.221	9.078	-0.158	9.085	-0.040	10.797	-0.012	10.802	-0.017	10.812	-0.012	10.819	-0.008
9.093	0.028	9.105	-0.004	9.112	-0.050	9.119	-0.176	10.824	-0.044	10.832	-0.089	10.838	-0.116	10.843	-0.116
9.129	-0.249	9.135	-0.281	9.146	-0.304	9.160	-0.227	10.851	-0.089	10.862	0.002	10.873	0.093	10.877	-0.130
9.168	-0.254	9.178	-0.178	9.190	-0.155	9.202	-0.092	10.882	0.143	10.891	0.144	10.898	0.148	10.906	0.121
9.209	-0.002	9.218	0.134	9.225	0.224	9.234	0.256	10.912	0.031	10.919	-0.114	10.927	-0.241	10.933	-0.341
9.243	0.237	9.253	0.251	9.260	0.214	9.268	0.128	10.938	-0.373	10.941	-0.377	10.946	-0.359	10.955	-0.255
9.273	0.083	9.280	0.074	9.287	0.101	9.294	0.056	10.961	-0.209	10.966	-0.054	10.976	-0.146	10.987	-0.127
9.303	0.051	9.313	-0.017	9.326	0.065	9.333	0.201	10.995	-0.082	11.008	-0.054	11.018	-0.018	11.027	0.050
9.341	0.192	9.346	0.287	9.356	0.328	9.359	0.274	11.036	0.136	11.041	0.200	11.046	0.236	11.053	0.245
9.364	0.183	9.372	0.129	9.378	0.038	9.388	-0.161	11.060	0.214	11.071	0.146	11.081	0.064	11.089	0.001
9.395	-0.329	9.399	-0.401	9.408	-0.451	9.419	-0.414	11.098	-0.035	11.103	-0.072	11.112	-0.126	11.119	-0.148
9.429	-0.391	9.438	-0.359	9.448	-0.395	9.457	-0.436	11.124	-0.148	11.133	-0.117	11.142	-0.112	11.152	-0.112
9.464	-0.535	9.471	-0.567	9.479	-0.530	9.486	-0.398	11.164	-0.130	11.173	-0.157	11.180	-0.170	11.190	-0.175
9.496	-0.253	9.502	-0.162	9.511	-0.117	9.521	-0.057	11.195	-0.184	11.207	-0.238	11.215	-0.256	11.223	-0.256
9.523	-0.043	9.533	0.034	9.546	0.111	9.567	0.193	11.232	-0.224	11.241	-0.165	11.250	-0.065	11.260	0.035
9.576	0.243	9.586	0.347	9.592	0.379	9.597	0.343	11.264	0.089	11.269	0.125	11.280	0.153	11.287	0.139
9.606	0.230	9.615	0.085	9.626	-0.105	9.636	-0.322	11.293	0.085	11.302	-0.019	11.316	-0.164	11.321	-0.200
9.643	-0.408	9.653	-0.431	9.660	-0.413	9.670	-0.344	11.326	-0.205	11.333	-0.168	11.343	-0.023	11.354	0.199
9.678	-0.213	9.688	-0.136	9.698	-0.090	9.704	-0.108	11.362	0.344	11.368	0.426	11.374	0.485	11.381	0.499
9.712	-0.184	9.719	-0.244	9.736	-0.293	9.742	-0.380	11.414	-0.087	11.421	-0.236	11.430	-0.276	11.437	-0.400
9.748	-0.438	9.753	-0.461	9.758	-0.420	9.764	-0.312	11.444	-0.404	11.451	-0.364	11.460	-0.232	11.464	-0.137
9.767	-0.275	9.775	-0.316	9.784	-0.216	9.795	-0.085	11.470	-0.028	11.475	-0.062	11.483	-0.135	11.490	-0.153
9.800	-0.076	9.809	0.015	9.813	-0.021	9.820	-0.135	11.500	0.130	11.510	0.048	11.519	-0.052	11.526	-0.106
9.829	-0.225	9.839	-0.189	9.846	-0.139	9.854	-0.216	11.535	-0.124	11.543	-0.079	11.555	-0.038	11.566	0.129
9.863	-0.402	9.871	-0.475	9.875	-0.457	9.881	-0.529	11.574	0.161	11.580	0.165	11.588	0.147	11.599	0.079
9.886	-0.511	9.891	-0.529	9.898	-0.489	9.909	-0.484	11.609	0.020	11.619	-0.066	11.626	-0.156	11.634	-0.256
9.920	-0.403	9.920	-0.384	9.923	-0.353	9.928	-0.330	11.643	-0.365	11.649	-0.419	11.656	-0.428	11.664	-0.410
9.943	-0.289	9.943	-0.280	9.950	-0.362	9.961	-0.435	11.675	-0.301	11.685	-0.179	11.694	-0.065	11.705	-0.011
9.970	-0.494	9.981	-0.421	9.989	-0.439	10.002	-0.421	11.710	0.007	11.717	0.003	11.725	-0.019	11.737	-0.069
10.010	-0.417	10.018	-0.349	10.027	-0.168	10.035	0.027	11.747	-0.082	11.758	-0.073	11.769	-0.018	11.777	0.032
10.041	0.177	10.049	0.258	10.058	0.358	10.064	0.435	11.788	0.064	11.798	0.082	11.806	0.123	11.816	0.214
10.070	0.471	10.077	0.430	10.087	0.331	10.094	0.185	11.824	0.314	11.833	0.418	11.839	0.486	11.847	0.509
10.098	0.140	10.105	0.108	10.113	0.158	10.123	0.172	11.853	0.495	11.861	0.441	11.871	0.337	11.881	0.182
10.132	0.212	10.145	0.194	10.153	0.121	10.164	0.026	11.890	0.037	11.896	-0.053	11.903	-0.117	11.910	-0.149
10.173	-0.101	10.184	-0.228	10.194	-0.328	10.207	-0.396	11.923	-0.172	11.931	-0.190	11.941	-0.191	11.951	-0.173
10.216	-0.432	10.223	-0.478	10.238	-0.469	10.249	-0.365	11.961	-0.155	11.970	-0.178	11.980	-0.219	11.991	-0.237
10.260	-0.274	10.277	-0.211	10.293	-0.139	10.307	-0.089	12.004	-0.233	12.019	-0.201	12.028	-0.142	12.034	-0.097
10.320	-0.049	10.331	0.015	10.338	0.128	10.347	0.264	12.040	-0.079	12.052	-0.084	12.062	-0.088	12.071	-0.043
10.353	0.332	10.360	0.355	10.365	0.336	10.372	0.246	12.080	-0.039	12.091	0.034	12.099	-0.034	12.105	-0.066
10.378	0.155	10.383	0.092	10.394	0.110	10.413	0.115	12.108	-0.075	12.115	-0.048	12.119	-0.034	12.125	-0.079
10.418	0.088	10.421	0.002	10.430	0.002	10.437	-0.097	12.130	-0.170	12.137	-0.184	12.142	-0.166	12.147	-0.129
10.445	-0.138	10.453	-0.111	10.468	-0.174	10.476	-0.128	12.151	-0.125	12.156	-0.147	12.163	-0.220	12.169	-0.252
10.484	-0.046	10.492	-0.005	10.496	0.122	10.500	0.244	12.177	-0.229	12.185	-0.197	12.193	-0.175	12.202	-0.075
10.505	0.258	10.513	0.294	10.516	0.285	10.521	0.222	12.205	-0.002	12.210	0.029	12.219	0.052	12.225	0.048
10.525	0.194	10.531	0.163	10.536	0.118	10.547	0.072	12.235	0.080	12.243	0.107	12.252	0.143	12.258	0.125
10.554	-0.000	10.559	-0.036	10.565	-0.046	10.569	-0.050	12.267	0.107	12.274	0.107	12.284	0.148	12.292	0.185
10.571	-0.064	10.576	-0.105	10.578	-0.109	10.585	-0.105	12.299	0.189	12.304	0.153	12.309	0.135	12.315	0.058
10.598	-0.110	10.593	-0.155	10.598	-0.210	10.603	-0.260	12.324	-0.023	12.331	-0.073	12.339	-0.096	12.348	-0.127
10.607	-0.273	10.613	-0.260	10.620	-0.233	10.625	-0.188	12.359	-0.105	12.365	-0.086	12.375	-0.032	12.385	-0.064
10.633	-0.111	10.639	-0.070	10.644	-0.052	10.652	-0.039	12.395	0.009	12.402	0.018	12.410	0.045	12.415	0.009
10.663	-0.003	10.672	0.033	10.680	0.106	10.687	0.174								

12.424	-0.005	12.430	-0.028	12.437	-0.032	12.445	-0.078	14.837	0.003	14.850	-0.056	14.860	-0.074	14.873	-0.047
12.453	-0.141	12.455	-0.141	12.462	-0.105	12.472	-0.073	14.886	0.017	14.896	0.099	14.901	0.131	14.913	0.176
12.477	0.033	12.486	0.022	12.496	0.053	12.509	0.067	14.924	0.199	14.935	0.231	14.949	0.249	14.960	0.231
12.525	0.094	12.537	0.098	12.543	0.089	12.553	0.125	14.976	0.181	14.991	0.158	15.005	0.122	15.020	0.067
12.565	0.125	12.573	0.120	12.580	0.089	12.589	0.057	15.031	0.013	15.045	-0.078	15.057	-0.151	15.067	-0.183
12.595	-0.007	12.605	-0.048	12.613	-0.093	12.620	-0.120	15.074	-0.179	15.086	-0.143	15.099	-0.089	15.111	-0.030
12.627	0.125	12.640	-0.084	12.651	-0.061	12.663	-0.011	15.123	0.019	15.136	0.046	15.143	0.055	15.156	0.028
12.673	0.025	12.689	0.011	12.705	0.007	12.717	-0.002	15.165	-0.009	15.176	-0.059	15.189	-0.063	15.201	-0.041
12.729	-0.052	12.737	-0.075	12.751	-0.116	12.759	-0.120	15.213	-0.022	15.226	-0.031	15.242	-0.054	15.249	-0.045
12.774	-0.093	12.790	-0.088	12.805	-0.088	12.819	-0.084	15.268	-0.017	15.281	-0.044	15.290	-0.067	15.303	-0.076
12.829	-0.075	12.837	-0.102	12.852	-0.125	12.866	-0.134	15.316	-0.071	15.330	-0.107	15.342	-0.143	15.355	-0.161
12.880	-0.138	12.890	-0.111	12.904	-0.057	12.915	-0.016	15.368	-0.161	15.381	-0.107	15.394	-0.084	15.403	-0.084
12.930	0.084	12.944	0.134	12.955	0.147	12.965	0.134	15.415	-0.125	15.423	-0.157	15.433	-0.157	15.444	-0.180
12.977	0.070	12.988	-0.011	12.995	-0.098	13.005	-0.193	15.462	-0.185	15.480	-0.189	15.490	-0.198	15.505	-0.189
13.014	-0.247	13.025	-0.283	13.033	-0.297	13.040	-0.292	15.517	-0.180	15.530	-0.203	15.542	-0.229	15.550	-0.257
13.050	-0.211	13.061	-0.111	13.073	-0.002	13.084	0.093	15.564	-0.223	15.576	-0.224	15.590	-0.228	15.604	-0.232
13.092	0.129	13.102	0.152	13.110	0.156	13.116	0.125	15.622	-0.223	15.642	-0.173	15.654	-0.105	15.666	-0.027
13.127	0.016	13.140	-0.125	13.147	-0.197	13.155	-0.301	15.676	0.054	15.681	0.086	15.694	0.123	15.704	0.087
13.163	-0.338	13.169	-0.342	13.177	-0.311	13.186	-0.238	15.719	-0.004	15.729	-0.072	15.739	-0.090	15.751	-0.067
13.195	-0.134	13.203	-0.030	13.211	0.043	13.219	0.070	15.761	0.001	15.772	0.060	15.784	0.114	15.798	0.114
13.229	0.048	13.238	-0.039	13.247	-0.138	13.254	-0.229	15.812	0.092	15.830	0.037	15.845	-0.027	15.855	-0.041
13.264	-0.274	13.272	-0.288	13.283	-0.261	13.294	-0.184	15.865	-0.010	15.880	0.071	15.893	0.094	15.905	0.098
13.300	-0.147	13.309	-0.134	13.327	-0.134	13.340	-0.116	15.921	0.071	15.935	0.049	15.955	0.058	15.972	0.081
13.352	-0.057	13.368	0.043	13.375	0.079	13.383	0.097	15.981	0.045	16.000	-0.050	16.015	-0.109	16.023	-0.118
13.393	0.083	13.410	-0.003	13.427	-0.135	13.440	-0.221	16.038	-0.109	16.054	-0.123	16.071	-0.119	16.084	-0.092
13.448	-0.239	13.458	-0.235	13.476	-0.208	13.493	-0.176	16.100	-0.015	16.111	0.053	16.122	0.139	16.136	0.179
13.515	-0.154	13.530	-0.154	13.538	-0.132	13.549	-0.082	16.147	0.188	16.154	0.152	16.168	0.084	16.185	0.024
13.564	-0.045	13.581	-0.036	13.593	-0.032	13.606	-0.086	16.200	-0.021	16.212	-0.035	16.221	-0.035	16.232	-0.008
13.618	-0.163	13.629	-0.249	13.640	-0.327	13.649	-0.354	16.247	0.009	16.255	0.000	16.263	-0.032	16.275	-0.091
13.654	-0.359	13.665	-0.309	13.678	-0.200	13.688	-0.051	16.284	-0.110	16.294	-0.124	16.309	-0.147	16.320	-0.120
13.699	0.035	13.710	0.067	13.719	0.053	13.735	0.003	16.331	-0.093	16.344	-0.093	16.359	-0.116	16.379	-0.116
13.745	-0.020	13.756	0.024	13.769	-0.006	13.785	0.066	16.397	-0.111	16.412	-0.093	16.425	-0.079	16.437	-0.084
13.795	0.102	13.802	0.107	13.808	0.070	13.822	-0.025	16.447	-0.111	16.458	-0.138	16.469	-0.142	16.481	-0.119
13.834	-0.093	13.848	-0.161	13.855	-0.179	13.862	-0.178	16.498	-0.047	16.506	-0.010	16.516	-0.001	16.526	-0.009
13.872	-0.128	13.887	-0.060	13.902	-0.001	13.914	0.031	16.534	-0.064	16.542	-0.145	16.552	-0.222	16.559	-0.244
13.924	0.040	13.938	0.014	13.946	-0.045	13.955	-0.149	16.567	-0.244	16.577	-0.203	16.591	-0.108	16.607	-0.013
13.963	-0.212	13.970	-0.235	13.975	-0.257	13.984	-0.235	16.619	0.019	16.631	0.033	16.644	0.010	16.654	-0.053
13.994	-0.158	14.004	-0.040	14.013	0.037	14.021	0.055	16.666	-0.126	16.676	-0.203	16.686	-0.245	16.693	-0.254
14.033	0.033	14.046	-0.035	14.056	-0.108	14.069	-0.176	16.702	-0.231	16.713	-0.123	16.723	-0.046	16.731	-0.028
14.078	-0.231	14.090	-0.249	14.099	-0.231	14.109	-0.191	16.740	-0.047	16.756	-0.124	16.768	-0.169	16.780	-0.183
14.118	-0.141	14.128	-0.114	14.136	-0.137	14.146	-0.201	16.793	-0.156	16.805	-0.106	16.811	-0.088	16.820	-0.097
14.153	-0.291	14.162	-0.332	14.172	-0.350	14.183	-0.328	16.831	-0.129	16.844	-0.170	16.852	-0.197	16.865	-0.255
14.189	-0.273	14.202	-0.151	14.210	-0.101	14.217	-0.092	16.874	-0.283	16.881	-0.282	16.896	-0.210	16.914	-0.128
14.231	-0.119	14.241	-0.141	14.249	-0.146	14.261	-0.123	16.931	-0.059	16.942	-0.032	16.952	-0.041	16.969	-0.049
14.272	-0.096	14.281	-0.051	14.290	-0.068	14.308	-0.077	16.977	-0.036	16.991	-0.013	17.005	-0.040	17.015	-0.080
14.324	-0.073	14.337	-0.082	14.345	-0.114	14.357	-0.155	17.033	-0.080	17.051	-0.093	17.062	-0.066	17.072	-0.021
14.367	-0.178	14.374	-0.173	14.389	-0.092	14.401	-0.020	17.086	-0.002	17.102	-0.012	17.112	0.002	17.127	0.042
14.409	0.017	14.417	0.021	14.430	0.003	14.442	-0.034	17.143	0.060	17.158	0.047	17.175	0.010	17.194	0.001
14.449	-0.043	14.457	-0.020	14.464	0.016	14.477	0.034	17.212	0.014	17.235	0.054	17.249	0.090	17.259	0.117
14.489	0.029	14.501	0.020	14.513	0.011	14.523	-0.011	17.281	0.139	17.302	0.152	17.319	0.161	17.335	0.179
14.538	-0.020	14.547	-0.030	14.560	-0.016	14.577	0.038	17.346	0.184	17.357	0.129	17.368	0.052	17.379	-0.043
14.589	0.079	14.599	0.088	14.610	0.075	14.624	0.038	17.391	-0.075	17.399	-0.075	17.409	-0.048	17.430	0.016
14.636	0.016	14.649	0.007	14.661	-0.011	14.673	0.007	17.443	0.043	17.458	0.034	17.472	-0.016	17.482	-0.030
14.690	0.016	14.706	0.029	14.724	0.075	14.734	0.048	17.497	-0.012	17.513	0.038	17.524	0.060	17.533	0.033
14.749	0.016	14.759	0.029	14.771	0.079	14.781	0.165	17.546	-0.022	17.555	-0.049	17.569	-0.099	17.578	-0.108
14.792	0.211	14.800	0.229	14.809	0.211	14.822	0.120	17.592	-0.099	17.610	-0.059	17.626	-0.050	17.643	-0.040

17.648	-0.040	17.658	-0.095	17.671	-0.122	17.678	-0.126	20.548	-0.012	20.561	-0.039	20.579	-0.062	20.593	-0.035
17.692	-0.094	17.705	-0.071	17.723	-0.026	17.738	0.043	20.601	-0.013	20.611	-0.018	20.625	-0.063	20.640	-0.104
17.747	0.074	17.763	0.052	17.775	-0.002	17.787	0.052	20.651	-0.123	20.667	-0.096	20.684	-0.060	20.702	-0.029
17.800	-0.089	17.818	-0.103	17.828	-0.125	17.841	-0.166	20.710	-0.038	20.724	-0.083	20.737	-0.147	20.754	-0.174
17.855	-0.176	17.873	-0.167	17.893	-0.172	17.904	-0.176	20.769	-0.197	20.782	-0.193	20.793	-0.165	20.805	-0.134
17.919	-0.145	17.940	-0.149	17.954	-0.159	17.962	-0.159	20.820	-0.120	20.838	-0.119	20.857	-0.106	20.876	-0.092
17.971	-0.113	17.979	-0.086	17.991	-0.077	17.999	-0.104	20.891	-0.092	20.904	-0.123	20.922	-0.177	20.937	-0.173
18.011	-0.181	18.022	-0.226	18.032	-0.230	18.040	-0.203	20.963	-0.154	20.975	-0.136	20.991	-0.095	21.010	-0.078
18.050	-0.153	18.067	-0.094	18.075	-0.080	18.088	-0.112	21.024	-0.100	21.042	-0.173	21.049	-0.173	21.068	-0.160
18.106	-0.129	18.119	-0.143	18.134	-0.115	18.145	-0.106	21.081	-0.146	21.094	-0.165	21.107	-0.174	21.119	-0.142
18.160	-0.092	18.179	-0.083	18.190	-0.101	18.206	-0.128	21.138	-0.047	21.158	-0.025	21.174	-0.052	21.191	0.052
18.220	-0.169	18.235	-0.177	18.245	-0.173	18.259	-0.100	21.211	-0.029	21.230	-0.030	21.250	-0.102	21.267	-0.138
18.273	-0.009	18.281	0.045	18.286	0.054	18.291	0.013	21.278	-0.147	21.297	-0.120	21.316	-0.102	21.335	-0.093
18.298	-0.086	18.306	-0.141	18.319	-0.109	18.332	-0.096	21.350	-0.061	21.366	-0.002	21.373	0.057	21.385	0.089
18.339	-0.073	18.353	0.003	18.366	0.098	18.376	0.203	21.395	-0.076	21.408	-0.013	21.422	-0.041	21.429	-0.055
18.382	0.239	18.389	0.248	18.399	0.225	18.410	0.170	21.442	-0.014	21.449	0.045	21.460	0.064	21.468	0.046
18.420	0.098	18.432	-0.011	18.442	-0.070	18.452	-0.102	21.480	-0.054	21.489	-0.103	21.499	-0.108	21.511	-0.062
18.462	-0.084	18.471	0.002	18.479	0.079	18.487	0.057	21.527	0.038	21.536	0.074	21.545	0.074	21.556	0.029
18.498	0.088	18.505	0.084	18.517	0.097	18.528	0.084	21.568	-0.016	21.580	-0.070	21.595	-0.107	21.608	-0.148
18.545	0.016	18.557	-0.025	18.570	-0.030	18.583	-0.030	21.621	-0.175	21.631	-0.171	21.642	-0.130	21.655	-0.058
18.599	-0.079	18.616	-0.129	18.631	-0.147	18.638	-0.134	21.665	-0.003	21.673	0.024	21.682	0.006	21.693	-0.053
18.648	-0.039	18.657	0.038	18.665	0.048	18.674	0.011	21.701	-0.140	21.710	-0.194	21.718	-0.212	21.728	-0.190
18.686	-0.093	18.694	-0.134	18.703	-0.138	18.717	-0.111	21.740	-0.104	21.752	-0.045	21.764	-0.018	21.775	-0.009
18.731	-0.066	18.747	-0.002	18.755	0.020	18.769	-0.007	21.791	-0.041	21.801	-0.081	21.811	-0.081	21.823	-0.054
18.784	-0.002	18.794	-0.016	18.803	-0.034	18.815	-0.033	21.839	-0.044	21.853	-0.026	21.864	-0.007	21.878	0.029
18.827	-0.120	18.837	-0.134	18.853	-0.116	18.865	-0.111	21.897	0.048	21.913	0.057	21.930	0.039	21.943	0.040
18.884	-0.048	18.898	-0.075	18.911	-0.066	18.925	-0.075	21.962	0.048	21.973	0.040	21.988	-0.000	22.002	-0.046
18.937	-0.061	18.952	-0.043	18.964	0.016	18.972	0.052	22.012	-0.050	22.032	-0.032	22.050	0.004	22.069	0.013
18.980	0.025	18.991	0.043	19.001	-0.002	19.013	-0.011	22.089	-0.026	22.107	0.039	22.121	0.044	22.137	0.012
19.024	0.025	19.033	0.048	19.054	0.043	19.078	0.052	22.158	-0.016	22.180	-0.016	22.199	-0.016	22.209	-0.011
19.094	0.061	19.110	0.093	19.125	0.111	19.136	0.088	22.218	-0.016	22.234	-0.039	22.246	-0.043	22.260	-0.002
19.150	0.048	19.161	0.061	19.177	0.084	19.190	0.093	22.278	-0.020	22.296	0.038	22.313	0.048	22.325	0.057
19.246	-0.066	19.256	-0.025	19.267	0.007	19.283	0.025	22.339	0.029	22.354	0.002	22.366	-0.002	22.383	0.021
19.296	-0.043	19.307	0.042	19.320	0.015	19.334	-0.040	22.402	0.071	22.413	0.085	22.428	0.058	22.446	0.013
19.350	-0.080	19.363	-0.094	19.375	-0.076	19.387	-0.049	22.466	-0.014	22.483	-0.013	22.498	0.010	22.517	0.051
19.397	-0.040	19.409	-0.068	19.422	-0.109	19.437	-0.136	22.534	0.079	22.552	0.065	22.570	0.047	22.579	0.034
19.449	-0.150	19.461	-0.132	19.474	-0.050	19.489	0.027	22.585	0.016	22.599	-0.002	22.590	-0.021	22.594	-0.039
19.502	0.077	19.514	0.091	19.524	0.059	19.542	0.023	22.595	-0.061	22.597	-0.089	22.606	-0.116	22.612	-0.143
19.553	-0.055	19.570	-0.042	19.583	-0.015	19.598	-0.002	22.619	-0.157	22.631	-0.166	22.643	-0.148	22.661	-0.125
19.610	0.020	19.619	0.038	19.630	0.047	19.642	0.020	22.678	-0.125	22.693	-0.125	22.701	-0.125	22.714	-0.098
19.655	-0.022	19.665	-0.044	19.677	-0.031	19.693	0.041	22.728	-0.044	22.734	-0.017	22.746	0.001	22.755	-0.031
19.705	0.082	19.718	0.100	19.732	0.068	19.747	-0.014	22.769	-0.103	22.780	-0.189	22.786	-0.226	22.795	-0.244
19.758	-0.064	19.769	-0.077	19.783	-0.059	19.797	-0.027	22.809	-0.212	22.826	-0.125	22.838	-0.057	22.852	-0.137
19.808	-0.023	19.820	-0.059	19.833	-0.114	19.845	-0.146	22.864	0.002	22.878	-0.016	22.896	-0.052	22.913	-0.137
19.861	-0.173	19.879	-0.155	19.899	-0.137	19.915	-0.119	22.935	-0.182	22.946	-0.223	22.961	-0.245	22.980	-0.236
19.929	-0.129	19.946	-0.170	19.959	-0.174	19.974	-0.152	22.997	-0.195	23.014	-0.127	23.029	-0.085	23.039	-0.094
19.987	-0.116	20.001	-0.098	20.016	-0.134	20.027	-0.198	23.055	-0.126	23.074	-0.148	23.091	-0.161	23.112	-0.157
20.039	-0.234	20.046	-0.234	20.062	-0.212	20.084	-0.171	23.135	-0.143	23.155	-0.101	23.179	-0.078	23.200	-0.060
20.103	-0.145	20.120	-0.132	20.134	-0.123	20.152	-0.173	23.221	-0.010	23.241	-0.059	23.241	0.027	23.258	0.004
20.167	-0.214	20.182	-0.219	20.198	-0.197	20.216	-0.152	23.278	-0.050	23.293	-0.059	23.308	-0.081	23.316	-0.086
20.231	-0.057	20.256	-0.011	20.270	0.034	20.290	0.066	23.333	-0.058	23.353	-0.022	23.369	0.001	23.378	0.001
20.311	0.084	20.325	0.084	20.340	0.052	20.354	0.025	23.393	-0.012	23.417	-0.052	23.437	-0.093	23.449	-0.115
20.368	0.016	20.381	0.034	20.392	0.070	20.407	0.102	23.460	-0.102	23.477	-0.042	23.485	-0.038	23.504	-0.083
20.423	0.120	20.438	0.134	20.450	0.156	20.461	0.165	23.515	-0.101	23.522	-0.100	23.540	-0.073	23.562	0.005
20.476	0.152	20.500	0.120	20.520	0.097	20.530	0.061	23.576	0.019	23.591	-0.017	23.603	-0.031	23.618	-0.012
								23.632	0.001	23.642	-0.003	23.658	-0.030	23.680	-0.070

23.691	-0.070	23.715	-0.042	23.740	0.003	23.752	-0.001	27.875	-0.027	27.884	-0.077	27.895	-0.090	27.911	-0.049
23.771	-0.023	23.790	-0.046	23.817	-0.046	23.831	-0.054	27.931	-0.011	27.952	0.052	27.962	0.052	27.989	0.017
23.850	-0.077	23.873	-0.068	23.888	-0.027	23.904	-0.004	28.009	-0.019	28.025	0.036	28.039	0.063	28.049	0.072
23.914	-0.013	23.930	-0.017	23.945	-0.021	23.959	-0.035	28.068	-0.036	28.081	-0.031	28.101	-0.058	28.139	-0.003
23.973	-0.053	23.990	-0.070	24.007	-0.084	24.027	-0.075	28.154	-0.033	28.164	0.047	28.180	0.011	28.199	-0.035
24.039	-0.074	24.056	-0.037	24.070	-0.024	24.086	-0.032	28.207	-0.066	28.223	-0.093	28.241	-0.052	28.254	-0.002
24.110	-0.109	24.129	-0.141	24.144	-0.127	24.166	-0.122	28.271	-0.025	28.287	0.034	28.297	-0.011	28.312	-0.002
24.186	-0.122	24.201	-0.090	24.222	-0.081	24.248	-0.054	28.326	-0.088	28.347	-0.048	28.373	-0.007	28.394	-0.037
24.268	-0.067	24.285	-0.053	24.298	-0.071	24.324	-0.157	28.418	0.007	28.427	0.016	28.444	-0.016	28.464	-0.020
24.343	-0.170	24.358	-0.134	24.374	-0.075	24.388	-0.038	28.482	0.030	28.499	0.076	28.511	0.076	28.548	0.031
24.403	-0.056	24.433	-0.124	24.444	-0.151	24.455	-0.165	28.567	0.004	28.596	-0.023	28.621	0.004	28.639	0.032
24.477	-0.124	24.501	-0.029	24.523	0.049	24.533	0.076	28.660	0.055	28.678	0.042	28.694	0.011	28.706	0.002
24.557	0.104	24.580	0.140	24.602	0.159	24.613	0.127	28.729	0.048	28.752	0.084	28.784	0.072	28.806	0.058
24.630	0.051	24.645	0.005	24.654	-0.022	24.672	-0.021	28.826	0.004	28.842	-0.004	28.858	0.019	28.874	-0.028
24.696	-0.016	24.720	0.016	24.743	0.076	24.761	0.108	28.890	0.001	28.908	-0.057	28.918	-0.066	28.940	-0.034
24.775	0.117	24.793	0.095	24.815	0.014	24.837	-0.049	28.958	0.007	28.974	0.021	28.994	0.008	29.018	-0.033
24.854	-0.071	24.879	-0.048	24.898	-0.038	24.928	-0.033	29.031	-0.037	29.050	-0.005	29.062	0.018	29.070	0.018
24.949	-0.037	24.973	-0.023	24.983	-0.032	25.005	-0.072	29.084	0.009	29.097	0.001	29.110	-0.013	29.124	-0.026
25.022	-0.081	25.039	-0.067	25.057	-0.035	25.074	-0.026	29.140	-0.044	29.151	-0.035	29.162	-0.021	29.174	0.020
25.091	-0.044	25.111	-0.062	25.126	-0.080	25.146	-0.116	29.187	0.039	29.194	0.075	29.201	0.084	29.207	0.071
25.175	-0.143	25.209	-0.129	25.248	-0.093	25.271	-0.093	29.217	0.013	29.230	0.021	29.244	-0.001	29.259	-0.010
25.284	-0.070	25.304	-0.020	25.321	-0.011	25.350	-0.039	29.269	0.013	29.282	0.031	29.296	0.059	29.307	0.059
25.365	-0.084	25.375	-0.088	25.390	-0.048	25.406	-0.111	29.317	0.046	29.327	0.028	29.342	0.001	29.349	-0.013
25.417	0.002	25.431	-0.043	25.452	-0.111	25.468	-0.133	29.360	-0.017	29.372	-0.013	29.384	0.006	29.390	0.015
25.478	-0.106	25.498	-0.011	25.514	0.053	25.530	0.071	29.397	0.024	29.404	0.015	29.419	-0.008	29.436	-0.017
25.548	0.049	25.578	0.008	25.593	0.004	25.627	-0.014	29.453	-0.007	29.467	-0.007	29.480	0.024	29.495	0.038
25.645	-0.027	25.665	-0.058	25.681	-0.080	25.700	-0.025	29.507	0.025	29.525	0.007	29.542	-0.002	29.558	0.011
25.722	0.052	25.739	0.057	25.751	0.012	25.776	-0.033	29.572	0.030	29.587	0.016	29.605	0.007	29.622	0.007
25.798	-0.077	25.813	-0.082	25.836	-0.036	25.851	0.000	29.639	0.012	29.655	0.016	29.674	0.030	29.687	0.057
25.864	0.010	25.883	-0.022	25.895	-0.044	25.905	-0.049	29.700	0.071	29.717	0.067	29.730	0.049	29.744	0.053
25.930	0.010	25.959	0.038	25.982	0.007	26.003	-0.025	29.758	0.072	29.767	0.076	29.780	0.058	29.797	0.049
26.022	-0.025	26.048	-0.002	26.074	-0.002	26.092	-0.039	29.810	0.013	29.818	0.009	29.829	0.018	29.844	0.045
26.111	-0.079	26.149	-0.107	26.177	-0.097	26.194	-0.097	29.862	-0.059	29.881	0.037	29.899	0.037	29.920	0.051
26.223	-0.056	26.241	-0.052	26.271	-0.070	26.289	-0.051	29.940	0.037	29.957	0.033	29.976	0.029	29.989	0.015
26.305	0.003	26.315	0.039	26.331	0.058	26.355	0.030	30.006	0.011	30.019	0.024	30.030	0.033	30.041	0.011
26.372	-0.024	26.390	-0.060	26.401	-0.051	26.422	-0.041	30.050	-0.007	30.059	-0.007	30.066	0.007	30.079	0.038
26.452	-0.055	26.470	-0.032	26.486	0.009	26.508	0.019	30.087	0.061	30.096	0.070	30.107	0.057	30.117	0.029
26.537	-0.017	26.562	-0.040	26.583	-0.017	26.623	0.002	30.132	-0.025	30.142	-0.052	30.149	-0.066	30.157	-0.061
26.651	-0.016	26.678	-0.003	26.691	0.011	26.713	0.043	30.171	-0.020	30.187	0.011	30.202	0.025	30.215	0.052
26.727	0.016	26.743	-0.039	26.759	-0.048	26.769	-0.016	30.227	0.057	30.236	0.043	30.249	-0.002	30.264	-0.025
26.785	0.048	26.797	0.098	26.810	0.116	26.829	0.071	30.283	-0.034	30.296	-0.016	30.312	0.025	30.324	0.044
26.852	-0.029	26.870	-0.065	26.884	-0.065	26.906	-0.051	30.339	0.021	30.353	0.012	30.370	0.017	30.380	0.031
26.922	-0.083	26.942	-0.141	26.954	-0.155	26.969	-0.123	30.393	0.081	30.406	0.118	30.421	0.127	30.436	0.114
26.999	-0.014	27.014	0.013	27.034	0.027	27.054	0.014	30.449	0.100	30.460	0.069	30.468	0.051	30.485	0.051
27.074	-0.022	27.089	-0.076	27.105	-0.090	27.125	-0.049	30.502	0.056	30.513	0.048	30.530	0.044	30.544	0.040
27.137	-0.044	27.156	-0.007	27.173	0.007	27.188	-0.016	30.561	0.063	30.577	0.059	30.592	0.050	30.607	0.051
27.206	-0.047	27.218	-0.052	27.233	-0.024	27.260	-0.042	30.625	0.065	30.638	0.057	30.653	0.025	30.673	-0.010
27.276	-0.046	27.290	-0.000	27.306	0.050	27.322	0.068	30.679	-0.001	30.696	0.031	30.711	0.036	30.728	0.050
27.347	0.050	27.376	0.042	27.394	0.001	27.421	-0.057	30.742	0.064	30.761	0.051	30.774	0.042	30.789	0.038
27.447	-0.102	27.462	-0.070	27.483	-0.011	27.502	0.026	30.802	0.056	30.816	0.093	30.824	0.102	30.829	0.116
27.520	0.040	27.535	0.012	27.548	-0.006	27.562	-0.015	30.837	0.107	30.849	0.073	30.861	0.062	30.873	0.076
27.576	-0.001	27.592	0.053	27.607	0.080	27.623	0.044	30.889	0.095	30.907	0.109	30.924	0.109	30.937	0.096
27.641	-0.065	27.651	-0.096	27.665	-0.114	27.677	-0.087	30.948	0.087	30.963	0.056	30.978	0.024	30.988	0.016
27.702	0.035	27.720	0.076	27.733	0.054	27.751	-0.004	30.997	0.025	31.007	0.048	31.019	0.057	31.029	0.066
27.766	-0.014	27.780	-0.023	27.795	-0.000	27.808	0.054	31.036	0.053	31.049	0.012	31.063	-0.019	31.076	-0.037
27.823	0.127	27.834	0.149	27.847	0.122	27.863	0.050	31.086	-0.023	31.097	0.009	31.108	0.032	31.124	0.033

31.137	0.042	31.154	0.084	31.168	0.098	31.176	0.084	33.888	0.097	33.900	0.115	33.910	0.107	33.922	0.089
31.190	0.048	31.199	0.021	31.209	0.026	31.218	0.027	33.935	0.057	33.947	0.039	33.959	0.049	33.971	0.099
31.230	0.059	31.240	0.077	31.251	0.064	31.258	0.059	33.982	0.159	33.995	0.181	34.008	0.190	34.018	0.181
31.273	0.064	31.287	0.064	31.302	0.042	31.310	0.024	34.035	0.159	34.050	0.141	34.061	0.146	34.077	0.174
31.322	0.010	31.333	0.019	31.350	0.047	31.366	0.020	34.095	0.183	34.109	0.179	34.119	0.147	34.132	0.120
31.382	0.083	31.399	0.070	31.419	0.057	31.436	0.070	34.153	0.089	34.169	0.067	34.184	0.053	34.193	0.063
31.446	-0.007	31.456	-0.020	31.467	-0.011	31.479	-0.002	34.206	0.095	34.215	0.118	34.225	0.127	34.240	0.114
31.492	0.021	31.504	0.066	31.515	0.093	31.524	0.103	34.253	0.087	34.268	0.069	34.282	0.042	34.290	0.024
31.537	0.089	31.551	0.062	31.565	0.039	31.577	0.030	34.300	0.015	34.311	0.029	34.323	0.061	34.333	0.088
31.585	0.044	31.596	0.071	31.608	0.103	31.622	0.130	34.345	0.102	34.356	0.125	34.367	0.107	34.377	0.089
31.636	0.131	31.650	0.131	31.669	0.122	31.684	0.127	34.391	0.076	34.402	0.085	34.416	0.108	34.432	0.140
31.696	0.118	31.711	0.096	31.724	0.064	31.737	0.051	34.449	0.158	34.463	0.154	34.476	0.131	34.487	0.100
31.754	0.067	31.766	0.038	31.779	0.016	31.792	-0.011	34.501	0.055	34.514	0.028	34.522	0.042	34.534	0.074
31.807	-0.020	31.818	0.003	31.836	0.035	31.848	0.089	34.547	0.119	34.562	0.142	34.572	0.147	34.582	0.134
31.860	0.144	31.869	0.171	31.875	0.176	31.884	0.167	34.597	0.112	34.611	0.107	34.622	0.117	34.634	0.112
31.897	0.136	31.912	0.100	31.926	0.045	31.938	0.027	34.642	0.104	34.653	0.095	34.659	0.090	34.670	0.081
31.954	0.023	31.969	0.037	31.981	0.065	31.994	0.124	34.676	0.087	34.684	0.067	34.688	0.053	34.696	0.048
32.011	0.083	32.024	0.088	32.036	0.110	32.051	0.102	34.701	0.034	34.711	0.047	34.718	0.060	34.725	0.073
32.068	0.129	32.079	0.116	32.094	0.125	32.108	0.138	34.732	0.091	34.737	0.113	34.743	0.127	34.749	0.140
32.119	0.143	32.129	0.134	32.141	0.084	32.152	0.039	34.754	0.158	34.757	0.162	34.764	0.157	34.770	0.152
32.164	-0.001	32.177	-0.015	32.190	-0.006	32.206	0.031	34.777	0.143	34.783	0.133	34.788	0.124	34.804	0.119
32.220	0.045	32.230	0.036	32.244	0.018	32.257	-0.005	34.810	0.109	34.821	0.109	34.827	0.095	34.835	0.090
32.269	0.018	32.283	0.054	32.291	0.077	32.302	0.082	34.842	0.089	34.854	0.120	34.860	0.120	34.870	0.133
32.309	0.077	32.318	0.055	32.335	0.041	32.350	0.028	34.880	0.151	34.887	0.155	34.892	0.146	34.902	0.133
32.360	0.024	32.370	0.037	32.383	0.060	32.396	0.069	34.908	0.120	34.916	0.097	34.921	0.083	34.926	0.074
32.415	0.078	32.427	0.069	32.437	0.060	32.450	0.037	34.931	0.061	34.939	0.075	34.946	0.093	34.954	0.107
32.463	0.028	32.478	0.033	32.494	0.024	32.509	0.015	34.961	0.125	34.966	0.143	34.979	0.166	34.983	0.175
32.522	0.028	32.533	0.055	32.544	0.101	32.554	0.046	34.989	0.184	35.000	0.171	35.015	0.153	35.020	0.144
32.563	0.160	32.570	0.151	32.581	0.105	32.592	0.046	35.036	0.131	35.042	0.126	35.051	0.108	35.058	0.099
32.604	0.005	32.617	-0.018	32.628	0.000	32.641	0.032	35.064	0.086	35.068	0.077	35.072	0.072	35.084	0.086
32.651	0.072	32.660	0.095	32.671	0.113	32.683	0.131	35.099	0.127	35.108	0.145	35.112	0.154	35.117	0.173
32.694	0.135	32.706	0.122	32.717	0.103	32.730	0.094	35.127	0.155	35.137	0.123	35.141	0.100	35.147	0.082
32.745	0.089	32.759	0.098	32.772	0.125	32.788	0.161	35.153	0.060	35.162	0.051	35.168	0.037	35.175	0.028
32.799	0.184	32.808	0.175	32.819	0.156	32.834	0.134	35.183	0.015	35.195	0.001	35.206	0.015	35.218	0.043
32.892	-0.003	32.906	-0.012	32.917	0.052	32.929	-0.008	35.221	0.052	35.231	0.070	35.236	0.079	35.242	0.088
32.942	0.005	32.954	-0.008	32.966	-0.013	32.979	0.005	35.246	0.093	35.255	0.079	35.261	0.070	35.264	0.061
33.034	0.054	33.047	0.031	33.064	0.022	33.076	0.035	35.271	0.052	35.276	0.039	35.284	0.057	35.291	0.075
33.087	0.063	33.097	0.099	33.104	0.112	33.112	0.130	35.298	0.098	35.306	0.116	35.310	0.139	35.317	0.153
33.122	0.117	33.135	0.094	33.146	0.080	33.162	0.076	35.322	0.157	35.331	0.153	35.339	0.148	35.346	0.130
33.177	0.057	33.190	0.044	33.201	0.012	33.207	-0.002	35.354	0.112	35.360	0.103	35.366	0.094	35.371	0.085
33.216	-0.011	33.225	0.003	33.238	0.030	33.250	0.057	35.377	0.076	35.384	0.076	35.393	0.085	35.402	0.098
33.264	0.061	33.273	0.052	33.285	0.039	33.301	0.048	35.412	0.107	35.417	0.139	35.422	0.143	35.429	0.148
33.314	0.066	33.327	0.079	33.338	0.061	33.353	0.030	35.437	0.139	35.444	0.125	35.449	0.111	35.457	0.084
33.364	0.007	33.373	-0.011	33.378	-0.015	33.387	-0.006	35.464	0.066	35.467	0.052	35.472	0.039	35.475	0.030
33.398	0.026	33.411	0.066	33.422	0.098	33.436	0.112	35.482	0.030	35.491	0.034	35.500	0.043	35.515	0.043
33.449	0.121	33.461	0.121	33.473	0.094	33.488	0.080	35.519	0.039	35.531	0.052	35.539	0.061	35.545	0.070
33.499	0.076	33.509	0.103	33.520	0.131	33.528	0.162	35.555	0.075	35.561	0.080	35.568	0.084	35.578	0.089
33.540	0.190	33.548	0.162	33.559	0.135	33.573	0.090	35.586	0.094	35.593	0.094	35.598	0.103	35.603	0.103
33.587	0.063	33.598	0.063	33.614	0.081	33.628	0.099	35.608	0.112	35.612	0.117	35.618	0.117	35.625	0.108
33.639	0.095	33.655	0.081	33.669	0.072	33.680	0.091	35.634	0.094	35.641	0.062	35.648	0.058	35.653	0.044
33.696	0.118	33.708	0.114	33.719	0.100	33.730	0.077	35.659	0.035	35.666	0.036	35.675	0.040	35.680	0.049
33.737	0.059	33.753	0.068	33.767	0.087	33.779	0.066	35.689	0.063	35.691	0.072	35.702	0.081	35.706	0.081
33.794	0.096	33.806	0.087	33.819	0.055	33.835	0.028	35.717	0.081	35.723	0.091	35.733	0.086	35.739	0.086
33.845	0.015	33.855	0.010	33.864	0.019	33.876	0.051	35.746	0.077	35.754	0.077	35.760	0.082	35.768	0.091
								35.776	0.105	35.786	0.128	35.788	0.141	35.797	0.159
								35.802	0.173	35.811	0.169	35.817	0.164	35.824	0.146

35.833	0.124	35.839	0.096	35.844	0.083	35.849	0.060	37.712	0.095	37.725	0.100	37.735	0.100	37.744	0.105
35.856	0.047	35.861	0.033	35.868	0.033	35.878	0.049	37.751	0.110	37.764	0.115	37.770	0.106	37.779	0.106
35.889	0.052	35.894	0.035	35.902	0.075	35.912	0.079	37.792	0.097	37.800	0.088	37.809	0.079	37.818	0.071
35.917	0.066	35.925	0.043	35.932	0.029	35.941	0.007	37.828	0.057	37.840	0.071	37.850	0.085	37.857	0.103
35.946	-0.002	35.952	-0.007	35.958	0.007	35.967	-0.002	37.864	0.108	37.870	0.113	37.877	0.113	37.890	0.104
35.973	0.007	35.981	0.034	35.985	0.043	35.992	0.062	37.902	0.095	37.905	0.086	37.917	0.086	37.930	0.096
35.998	0.084	36.005	0.098	36.010	0.107	36.018	0.116	37.937	0.096	37.945	0.105	37.953	0.110	37.963	0.106
36.028	0.130	36.035	0.134	36.042	0.143	36.050	0.144	37.970	0.101	37.975	0.097	37.983	0.097	37.991	0.093
36.057	0.148	36.063	0.157	36.070	0.153	36.077	0.148	38.001	0.097	38.009	0.098	38.017	0.102	38.022	0.098
36.084	0.139	36.092	0.121	36.102	0.108	36.110	0.094	38.032	0.094	38.043	0.089	38.055	0.076	38.065	0.072
36.116	0.090	36.122	0.081	36.132	0.063	36.138	0.054	38.074	0.081	38.081	0.090	38.093	0.086	38.105	0.091
36.145	0.045	36.153	0.040	36.159	0.040	36.166	0.041	38.117	0.082	38.128	0.078	38.140	0.074	38.149	0.065
36.175	0.041	36.185	0.050	36.195	0.059	36.200	0.064	38.156	0.065	38.163	0.056	38.169	0.056	38.181	0.048
36.209	0.069	36.217	0.060	36.224	0.051	36.230	0.051	38.189	0.061	38.199	0.071	38.207	0.085	38.212	0.094
36.239	0.051	36.248	0.042	36.260	0.047	36.269	0.038	38.221	0.108	38.226	0.112	38.231	0.117	38.238	0.122
36.276	0.034	36.284	0.043	36.292	0.061	36.302	0.084	38.246	0.117	38.256	0.113	38.265	0.104	38.272	0.105
36.309	0.102	36.313	0.116	36.317	0.121	36.324	0.125	38.280	0.091	38.286	0.096	38.296	0.096	38.300	0.096
36.332	0.116	36.342	0.112	36.351	0.103	36.358	0.099	38.307	0.092	38.314	0.088	38.320	0.092	38.328	0.084
36.370	0.095	36.379	0.095	36.385	0.090	36.394	0.091	38.335	0.075	38.342	0.066	38.351	0.066	38.354	0.066
36.402	0.104	36.409	0.114	36.415	0.127	36.419	0.137	38.369	0.081	38.375	0.090	38.383	0.090	38.393	0.086
36.425	0.146	36.433	0.159	36.440	0.164	36.449	0.155	38.402	0.082	38.409	0.077	38.419	0.082	38.421	0.100
36.460	0.151	36.467	0.142	36.476	0.142	36.482	0.147	38.434	0.105	38.440	0.101	38.446	0.110	38.452	0.097
36.494	0.147	36.504	0.147	36.515	0.143	36.531	0.125	38.459	0.093	38.464	0.088	38.475	0.071	38.482	0.062
36.538	0.125	36.546	0.116	36.554	0.112	36.564	0.103	38.492	0.098	38.501	0.058	38.512	0.058	38.522	0.059
36.574	0.094	36.582	0.094	36.588	0.094	36.594	0.095	38.534	0.064	38.541	0.073	38.548	0.087	38.558	0.096
36.603	0.113	36.606	0.117	36.613	0.127	36.622	0.140	38.562	0.105	38.567	0.114	38.572	0.119	38.582	0.110
36.632	0.154	36.639	0.141	36.650	0.127	36.659	0.118	38.590	0.102	38.602	0.075	38.608	0.061	38.615	0.053
36.669	0.109	36.681	0.101	36.691	0.105	36.704	0.101	38.620	0.053	38.627	0.048	38.631	0.044	38.640	0.063
36.715	0.101	36.725	0.106	36.735	0.101	36.744	0.106	38.646	0.063	38.655	0.077	38.660	0.090	38.665	0.100
36.750	0.115	36.757	0.124	36.767	0.133	36.774	0.147	38.673	0.109	38.680	0.114	38.686	0.114	38.695	0.101
36.780	0.156	36.792	0.156	36.797	0.147	36.810	0.129	38.702	0.092	38.710	0.078	38.713	0.069	38.723	0.065
36.817	0.116	36.827	0.098	36.836	0.089	36.848	0.080	38.728	0.070	38.736	0.075	38.742	0.084	38.750	0.089
36.855	0.084	36.865	0.075	36.875	0.080	36.884	0.071	38.759	0.098	38.766	0.112	38.771	0.121	38.780	0.117
36.891	0.058	36.897	0.053	36.906	0.044	36.915	0.040	38.788	0.117	38.798	0.113	38.805	0.108	38.813	0.108
36.922	0.035	36.928	0.031	36.934	0.017	36.940	0.008	38.819	0.104	38.824	0.104	38.831	0.113	38.839	0.114
36.949	0.004	36.958	0.018	36.968	0.059	36.977	0.077	38.849	0.118	38.856	0.128	38.864	0.128	38.870	0.124
36.983	0.090	36.991	0.109	37.005	0.113	37.012	0.104	38.878	0.124	38.884	0.129	38.890	0.124	38.897	0.120
37.021	0.095	37.027	0.086	37.035	0.082	37.045	0.082	38.901	0.111	38.906	0.102	38.913	0.093	38.916	0.089
37.052	0.096	37.064	0.100	37.073	0.105	37.083	0.110	38.921	0.080	38.928	0.075	38.936	0.080	38.942	0.085
37.091	0.110	37.099	0.119	37.111	0.115	37.120	0.115	38.949	0.094	38.957	0.108	38.962	0.108	38.971	0.112
37.129	0.115	37.141	0.115	37.151	0.115	37.156	0.115	38.976	0.117	38.981	0.108	38.991	0.104	38.999	0.099
37.167	0.116	37.174	0.116	37.186	0.111	37.192	0.098	39.006	0.100	39.011	0.100	39.019	0.104	39.026	0.109
37.202	0.094	37.211	0.085	37.216	0.076	37.222	0.067	39.037	0.109	39.042	0.105	39.046	0.101	39.054	0.096
37.230	0.062	37.239	0.071	37.246	0.081	37.256	0.090	39.062	0.078	39.071	0.078	39.084	0.079	39.091	0.074
37.264	0.095	37.277	0.090	37.288	0.086	37.304	0.073	39.101	0.070	39.107	0.070	39.114	0.061	39.123	0.070
37.319	0.073	37.335	0.073	37.344	0.073	37.353	0.069	39.128	0.061	39.135	0.066	39.141	0.075	39.150	0.084
37.362	0.065	37.372	0.065	37.377	0.074	37.385	0.083	39.155	0.089	39.162	0.094	39.172	0.103	39.181	0.085
37.390	0.097	37.402	0.106	37.412	0.102	37.419	0.093	39.192	0.072	39.204	0.063	39.211	0.058	39.221	0.058
37.425	0.084	37.431	0.071	37.440	0.071	37.448	0.067	39.230	0.050	39.241	0.050	39.250	0.050	39.258	0.050
37.458	0.076	37.467	0.081	37.476	0.094	37.486	0.113	39.265	0.055	39.273	0.059	39.278	0.064	39.285	0.073
37.498	0.122	37.512	0.132	37.523	0.141	37.528	0.145	39.293	0.073	39.303	0.073	39.311	0.074	39.321	0.069
37.533	0.146	37.541	0.155	37.549	0.146	37.558	0.137	39.329	0.078	39.341	0.079	39.350	0.088	39.360	0.083
37.565	0.133	37.574	0.124	37.585	0.106	37.594	0.057	39.369	0.074	39.382	0.066	39.392	0.057	39.399	0.048
37.600	0.093	37.610	0.088	37.619	0.089	37.628	0.089	39.406	0.039	39.416	0.034	39.423	0.026	39.428	0.017
37.639	0.089	37.647	0.080	37.657	0.080	37.665	0.085	39.436	0.017	39.452	0.021	39.457	0.026	39.466	0.035
37.677	0.090	37.685	0.086	37.692	0.086	37.700	0.081	39.474	0.054	39.481	0.067	39.497	0.081	39.500	0.081

39.508	0.086	39.514	0.086	39.522	0.082	39.532	0.082	41.338	0.085	41.345	0.081	41.352	0.067	41.359	0.068
39.536	0.082	39.546	0.082	39.556	0.087	39.561	0.096	41.371	0.068	41.381	0.072	41.389	0.077	41.396	0.086
39.569	0.106	39.576	0.115	39.582	0.120	39.586	0.124	41.406	0.096	41.413	0.100	41.426	0.091	41.436	0.082
39.597	0.116	39.605	0.102	39.614	0.089	39.620	0.080	41.444	0.078	41.451	0.074	41.458	0.074	41.466	0.069
39.626	0.071	39.631	0.058	39.640	0.058	39.645	0.068	41.473	0.079	41.481	0.079	41.491	0.070	41.506	0.066
39.651	0.077	39.658	0.086	39.664	0.095	39.672	0.096	41.523	0.061	41.528	0.062	41.536	0.066	41.541	0.062
39.679	0.105	39.686	0.110	39.690	0.119	39.696	0.110	41.550	0.057	41.556	0.062	41.566	0.067	41.573	0.072
39.707	0.111	39.716	0.106	39.720	0.097	39.726	0.098	41.580	0.081	41.587	0.086	41.598	0.077	41.611	0.068
39.733	0.093	39.741	0.098	39.747	0.098	39.753	0.103	41.619	0.055	41.632	0.055	41.640	0.055	41.653	0.055
39.761	0.099	39.767	0.099	39.774	0.108	39.781	0.109	41.661	0.055	41.670	0.056	41.683	0.061	41.693	0.074
39.789	0.104	39.796	0.096	39.800	0.091	39.805	0.087	41.703	0.079	41.713	0.084	41.723	0.080	41.736	0.075
39.809	0.073	39.814	0.069	39.818	0.065	39.824	0.060	41.745	0.071	41.759	0.071	41.770	0.072	41.778	0.063
39.835	0.070	39.842	0.075	39.849	0.084	39.855	0.080	41.785	0.058	41.796	0.059	41.804	0.063	41.810	0.082
39.863	0.080	39.870	0.080	39.875	0.085	39.882	0.094	41.817	0.091	41.825	0.100	41.834	0.105	41.843	0.096
39.890	0.103	39.897	0.108	39.905	0.113	39.912	0.118	41.856	0.092	41.868	0.087	41.881	0.092	41.891	0.088
39.916	0.118	39.924	0.114	39.932	0.105	39.939	0.105	41.904	0.084	41.920	0.079	41.933	0.075	41.950	0.080
39.943	0.100	39.948	0.114	39.956	0.128	39.963	0.137	41.960	0.085	41.969	0.089	41.980	0.094	41.990	0.090
39.968	0.151	39.975	0.160	39.983	0.169	39.990	0.160	42.000	0.081	42.011	0.090	42.024	0.095	42.031	0.099
39.997	0.147	40.002	0.138	40.011	0.124	40.017	0.116	42.038	0.095	42.047	0.100	42.055	0.082	42.062	0.077
40.024	0.107	40.033	0.107	40.046	0.107	40.057	0.103	42.072	0.073	42.080	0.082	42.089	0.091	42.100	0.096
40.067	0.099	40.075	0.099	40.081	0.099	40.088	0.094	42.105	0.101	42.111	0.092	42.118	0.092	42.126	0.087
40.098	0.081	40.106	0.072	40.116	0.068	40.123	0.073	42.136	0.074	42.140	0.069	42.145	0.060	42.152	0.061
40.133	0.077	40.143	0.078	40.153	0.087	40.160	0.087	42.158	0.056	42.164	0.052	42.172	0.052	42.180	0.047
40.170	0.087	40.178	0.074	40.192	0.097	40.201	0.070	42.187	0.043	42.194	0.043	42.204	0.057	42.214	0.062
40.213	0.084	40.221	0.097	40.231	0.098	40.238	0.107	42.221	0.062	42.228	0.071	42.238	0.071	42.245	0.062
40.248	0.107	40.259	0.107	40.268	0.099	40.279	0.099	42.254	0.062	42.262	0.062	42.267	0.072	42.273	0.076
40.289	0.085	40.298	0.077	40.307	0.086	40.313	0.090	42.281	0.076	42.287	0.099	42.299	0.099	42.306	0.099
40.321	0.095	40.328	0.086	40.334	0.077	40.343	0.077	42.316	0.100	42.330	0.095	42.337	0.105	42.350	0.100
40.354	0.082	40.367	0.087	40.377	0.087	40.383	0.087	42.361	0.092	42.370	0.078	42.378	0.078	42.386	0.074
40.391	0.087	40.399	0.087	40.410	0.088	40.420	0.097	42.399	0.075	42.409	0.066	42.420	0.048	42.433	0.044
40.437	0.093	40.447	0.088	40.458	0.088	40.466	0.084	42.438	0.044	42.445	0.040	42.452	0.031	42.459	0.031
40.474	0.084	40.483	0.084	40.490	0.089	40.498	0.089	42.465	0.027	42.472	0.022	42.477	0.022	42.487	0.023
40.505	0.089	40.514	0.080	40.519	0.071	40.528	0.071	42.492	0.027	42.502	0.037	42.512	0.046	42.517	0.046
40.538	0.072	40.546	0.076	40.552	0.090	40.559	0.099	42.525	0.055	42.533	0.065	42.544	0.061	42.554	0.065
40.569	0.099	40.575	0.104	40.585	0.104	40.590	0.095	42.559	0.061	42.565	0.061	42.569	0.066	42.573	0.070
40.602	0.081	40.611	0.068	40.618	0.059	40.632	0.059	42.580	0.071	42.588	0.075	42.593	0.076	42.600	0.071
40.646	0.059	40.659	0.055	40.675	0.064	40.690	0.073	42.598	0.067	42.615	0.063	42.624	0.063	42.631	0.063
40.700	0.082	40.710	0.083	40.721	0.078	40.728	0.074	42.640	0.059	42.649	0.059	42.661	0.064	42.670	0.060
40.737	0.069	40.743	0.060	40.750	0.056	40.761	0.060	42.677	0.055	42.683	0.055	42.692	0.056	42.701	0.065
40.770	0.070	40.777	0.079	40.789	0.074	40.800	0.065	42.707	0.061	42.715	0.056	42.724	0.057	42.732	0.061
40.809	0.057	40.816	0.052	40.826	0.066	40.839	0.070	42.739	0.062	42.748	0.062	42.757	0.062	42.760	0.058
40.845	0.071	40.856	0.071	40.865	0.057	40.875	0.048	42.769	0.058	42.780	0.063	42.788	0.072	42.797	0.077
40.882	0.053	40.895	0.058	40.902	0.071	40.906	0.080	42.805	0.082	42.813	0.091	42.822	0.096	42.830	0.096
40.915	0.085	40.925	0.085	40.935	0.081	40.945	0.072	42.840	0.096	42.851	0.101	42.862	0.101	42.870	0.093
40.954	0.063	40.958	0.058	40.965	0.049	40.975	0.045	42.882	0.098	42.892	0.089	42.900	0.080	42.909	0.067
40.986	0.054	40.992	0.063	41.001	0.072	41.010	0.086	42.918	0.058	42.927	0.058	42.937	0.058	42.946	0.059
41.019	0.077	41.024	0.064	41.031	0.050	41.038	0.037	42.954	0.063	42.963	0.054	42.973	0.073	42.986	0.073
41.044	0.032	41.050	0.014	41.057	0.005	41.065	-0.004	42.995	0.065	43.003	0.074	43.011	0.083	43.021	0.092
41.073	0.005	41.081	0.014	41.088	0.033	41.095	0.042	43.033	0.097	43.044	0.098	43.053	0.102	43.065	0.107
41.101	0.051	41.108	0.051	41.115	0.060	41.119	0.069	43.075	0.108	43.085	0.108	43.093	0.113	43.099	0.108
41.131	0.069	41.140	0.060	41.149	0.051	41.161	0.038	43.110	0.100	43.116	0.091	43.125	0.086	43.133	0.082
41.167	0.033	41.180	0.043	41.187	0.052	41.194	0.061	43.142	0.077	43.151	0.073	43.159	0.068	43.167	0.064
41.205	0.066	41.212	0.079	41.221	0.079	41.229	0.079	43.173	0.064	43.181	0.064	43.186	0.064	43.193	0.064
41.233	0.075	41.249	0.066	41.259	0.062	41.267	0.062	43.205	0.074	43.218	0.069	43.227	0.096	43.236	0.101
41.273	0.048	41.281	0.044	41.291	0.058	41.302	0.062	43.249	0.110	43.254	0.115	43.264	0.106	43.276	0.097
41.309	0.080	41.317	0.085	41.322	0.090	41.329	0.094	43.283	0.088	43.294	0.084	43.301	0.084	43.306	0.075

43.311	0.075	43.322	0.088	43.331	0.088	43.342	0.093	45.372	0.049	45.381	0.049	45.393	0.050	45.401	0.055
43.349	0.089	43.361	0.084	43.370	0.084	43.381	0.084	45.411	0.059	45.421	0.060	45.426	0.055	45.438	0.047
43.391	0.080	43.403	0.075	43.411	0.066	43.426	0.066	45.446	0.047	45.452	0.047	45.466	0.052	45.473	0.052
43.436	0.062	43.444	0.062	43.453	0.066	43.461	0.076	45.482	0.057	45.492	0.057	45.499	0.052	45.512	0.062
43.470	0.076	43.476	0.080	43.488	0.080	43.497	0.076	45.521	0.058	45.534	0.045	45.543	0.041	45.551	0.050
43.508	0.076	43.522	0.085	43.531	0.095	43.540	0.095	45.564	0.059	45.578	0.069	45.588	0.069	45.601	0.074
43.545	0.104	43.549	0.108	43.556	0.104	43.564	0.104	45.609	0.075	45.619	0.075	45.631	0.075	45.641	0.071
43.574	0.095	43.586	0.073	43.594	0.064	43.599	0.055	45.657	0.076	45.671	0.077	45.681	0.082	45.694	0.078
43.608	0.055	43.614	0.064	43.622	0.078	43.627	0.073	45.704	0.078	45.711	0.078	45.719	0.078	45.726	0.079
43.636	0.065	43.646	0.065	43.656	0.060	43.666	0.061	45.735	0.074	45.749	0.070	45.761	0.066	45.771	0.053
43.674	0.061	43.684	0.061	43.691	0.070	43.698	0.075	45.783	0.057	45.791	0.067	45.800	0.058	45.811	0.058
43.704	0.093	43.714	0.089	43.726	0.089	43.734	0.089	45.821	0.076	45.832	0.086	45.841	0.095	45.855	0.091
43.744	0.085	43.757	0.076	43.767	0.076	43.778	0.072	45.868	0.082	45.880	0.069	45.889	0.065	45.901	0.065
43.790	0.072	43.802	0.059	43.806	0.059	43.817	0.064	45.910	0.074	45.925	0.074	45.936	0.070	45.946	0.070
43.827	0.068	43.836	0.078	43.843	0.078	43.848	0.078	45.958	0.061	45.961	0.056	45.967	0.052	45.979	0.061
43.858	0.074	43.866	0.069	43.876	0.060	43.883	0.056	45.987	0.070	45.999	0.080	46.007	0.089	46.017	0.089
43.893	0.052	43.907	0.061	43.916	0.070	43.929	0.080	46.027	0.098	46.035	0.098	46.042	0.080	46.052	0.080
43.942	0.094	43.949	0.094	43.960	0.094	43.970	0.103	46.062	0.076	46.071	0.085	46.077	0.085	46.084	0.099
43.980	0.099	43.988	0.095	43.997	0.095	44.008	0.095	46.093	0.099	46.104	0.099	46.115	0.099	46.125	0.086
44.019	0.095	44.033	0.091	44.045	0.087	44.058	0.087	46.138	0.086	46.144	0.082	46.153	0.082	46.161	0.082
44.071	0.083	44.083	0.079	44.093	0.074	44.102	0.075	46.173	0.082	46.185	0.082	46.197	0.082	46.209	0.087
44.108	0.075	44.115	0.075	44.133	0.084	44.140	0.085	46.220	0.083	46.230	0.083	46.236	0.078	46.245	0.083
44.152	0.089	44.162	0.090	44.173	0.094	44.178	0.094	46.250	0.083	46.262	0.074	46.267	0.074	46.274	0.079
44.190	0.090	44.200	0.086	44.209	0.082	44.220	0.086	46.281	0.074	46.289	0.079	46.295	0.079	46.300	0.088
44.228	0.091	44.240	0.091	44.250	0.082	44.258	0.069	46.306	0.097	46.313	0.102	46.318	0.102	46.326	0.111
44.268	0.065	44.275	0.060	44.280	0.051	44.288	0.052	46.335	0.111	46.343	0.102	46.348	0.097	46.356	0.088
44.295	0.061	44.305	0.070	44.313	0.088	44.324	0.093	46.363	0.084	46.372	0.079	46.378	0.079	46.388	0.070
44.333	0.093	44.342	0.094	44.352	0.094	44.362	0.085	46.396	0.070						
44.371	0.076	44.378	0.076	44.389	0.067	44.400	0.068								
44.410	0.077	44.420	0.082	44.428	0.091	44.442	0.082								
44.451	0.078	44.462	0.074	44.468	0.065	44.476	0.069								
44.483	0.065	44.487	0.056	44.496	0.065	44.504	0.070								
44.518	0.070	44.528	0.075	44.540	0.066	44.550	0.062								
44.559	0.053	44.560	0.053	44.570	0.053	44.577	0.049								
44.584	0.058	44.593	0.063	44.602	0.068	44.611	0.086								
44.621	0.086	44.632	0.086	44.640	0.087	44.651	0.087								
44.661	0.082	44.672	0.087	44.684	0.074	44.690	0.070								
44.705	0.070	44.718	0.066	44.726	0.066	44.737	0.071								
44.742	0.066	44.751	0.067	44.757	0.058	44.766	0.053								
44.773	0.054	44.782	0.049	44.790	0.054	44.803	0.068								
44.812	0.068	44.818	0.078	44.826	0.082	44.835	0.092								
44.843	0.092	44.857	0.097	44.866	0.084	44.878	0.084								
44.888	0.075	44.895	0.075	44.902	0.071	44.909	0.076								
44.917	0.085	44.927	0.085	44.935	0.086	44.946	0.086								
44.953	0.095	44.960	0.087	44.968	0.078	44.982	0.074								
44.987	0.069	44.995	0.065	45.003	0.061	45.015	0.061								
45.024	0.062	45.034	0.067	45.048	0.067	45.059	0.058								
45.064	0.054	45.075	0.045	45.085	0.041	45.095	0.037								
45.110	0.037	45.119	0.042	45.126	0.047	45.136	0.047								
45.144	0.047	45.153	0.048	45.161	0.048	45.171	0.048								
45.177	0.048	45.185	0.039	45.191	0.058	45.201	0.067								
45.209	0.067	45.216	0.077	45.224	0.072	45.231	0.073								
45.240	0.059	45.247	0.050	45.254	0.050	45.264	0.051								
45.271	0.060	45.278	0.060	45.286	0.065	45.296	0.065								
45.301	0.070	45.308	0.070	45.316	0.088	45.326	0.084								
45.338	0.080	45.347	0.067	45.356	0.058	45.367	0.054								
45.372	0.049	45.381	0.049	45.393	0.050	45.401	0.055								

IR253

71.200 2/9/71 0600PST 535 S. FREMONT AVENUE, BASEMENT, LOS ANGELES, CAL. N30W

2015 POINTS 36.380 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADIRECTION, IS 0.2899 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.013	0.033	0.054	0.060	0.053	0.084	0.026	3.325	-0.125	3.342	-0.092	3.360	0.002	3.379	0.068				
0.107	-0.015	0.135	0.046	0.165	0.073	0.192	0.066	3.400	0.115	3.423	0.113	3.447	0.064	3.469	0.009				
0.220	-0.002	0.245	-0.016	0.273	0.038	0.301	0.017	3.485	-0.026	3.507	-0.054	3.522	-0.123	3.539	-0.110				
0.332	-0.037	0.360	-0.003	0.387	0.044	0.411	0.112	3.564	-0.037	3.578	0.036	3.599	-0.026	3.620	0.0				
0.434	0.059	0.457	-0.008	0.476	-0.082	0.508	-0.006	3.644	-0.082	3.665	-0.086	3.674	-0.063	3.691	-0.158				
0.527	0.015	0.545	0.016	0.558	0.057	0.574	-0.010	3.713	-0.119	3.735	-0.084	3.754	-0.005	3.782	0.007				
0.603	0.033	0.632	0.035	0.657	0.017	0.688	0.013	3.801	-0.055	3.838	0.074	3.858	-0.008	3.885	0.073				
0.710	-0.039	0.732	-0.064	0.759	-0.021	0.778	-0.019	3.894	0.079	3.914	-0.043	3.931	-0.070	3.945	-0.070				
0.807	-0.016	0.830	0.020	0.853	0.069	0.873	0.119	3.971	0.024	3.993	-0.010	4.012	-0.078	4.038	-0.010				
0.895	0.100	0.917	0.062	0.942	-0.004	0.966	-0.089	4.063	0.071	4.082	0.118	4.106	0.064	4.126	-0.058				
0.991	-0.053	1.007	0.016	1.026	0.004	1.045	0.066	4.145	-0.153	4.173	-0.058	4.193	-0.024	4.207	-0.065				
1.066	0.047	1.083	0.069	1.104	0.071	1.121	0.085	4.230	0.043	4.244	0.056	4.262	0.001	4.283	0.055				
1.149	0.027	1.174	-0.012	1.196	-0.031	1.213	-0.064	4.302	0.068	4.323	0.128	4.347	0.094	4.372	0.080				
1.238	-0.056	1.263	0.047	1.281	0.108	1.306	0.021	4.399	-0.016	4.414	-0.010	4.436	0.145	4.455	0.015				
1.319	-0.066	1.331	-0.045	1.345	0.037	1.363	-0.024	4.471	0.048	4.487	0.013	4.503	-0.042	4.523	-0.016				
1.381	0.038	1.394	0.086	1.410	0.032	1.419	-0.035	4.545	-0.099	4.565	-0.080	4.583	-0.028	4.600	0.020				
1.440	0.046	1.460	0.013	1.482	0.054	1.503	-0.041	4.623	0.059	4.643	-0.017	4.663	-0.072	4.683	0.008				
1.528	0.041	1.555	0.123	1.587	0.083	1.614	0.016	4.701	0.061	4.721	-0.008	4.752	0.065	4.774	-0.079				
1.641	0.044	1.663	-0.029	1.688	-0.062	1.708	-0.047	4.786	-0.140	4.802	-0.053	4.822	0.069	4.846	-0.040				
1.741	0.036	1.771	0.044	1.795	0.039	1.823	0.135	4.870	0.013	4.898	0.121	4.906	0.134	4.928	0.012				
1.846	0.082	1.867	0.069	1.889	0.009	1.919	-0.036	4.950	-0.104	4.974	-0.044	5.002	-0.024	5.024	0.091				
1.941	-0.062	1.965	-0.034	1.987	-0.040	2.009	0.089	5.044	0.003	5.063	0.132	5.082	0.153	5.102	0.004				
2.022	0.130	2.042	0.076	2.055	0.022	2.076	0.069	5.120	-0.172	5.141	-0.266	5.160	-0.266	5.176	-0.124				
2.053	-0.005	2.118	-0.012	2.140	0.029	2.156	0.069	5.196	-0.104	5.218	-0.022	5.238	0.073	5.251	0.067				
2.175	-0.039	2.203	-0.012	2.228	-0.005	2.244	0.076	5.266	-0.008	5.282	-0.082	5.302	0.054	5.325	0.197				
2.266	0.015	2.278	-0.032	2.294	0.035	2.306	0.049	5.349	0.305	5.362	0.306	5.379	0.170	5.407	0.110				
2.323	0.042	2.343	0.029	2.363	-0.053	2.384	0.001	5.424	-0.005	5.444	-0.053	5.460	-0.100	5.479	-0.154				
2.355	0.015	2.412	-0.019	2.433	0.034	2.460	-0.034	5.495	-0.120	5.515	-0.053	5.527	-0.012	5.540	-0.208				
2.481	-0.053	2.504	-0.049	2.525	0.039	2.538	0.045	5.551	-0.202	5.567	-0.039	5.593	0.015	5.618	-0.013				
2.550	-0.023	2.566	0.072	2.579	0.125	2.594	-0.064	5.637	-0.013	5.654	-0.014	5.673	-0.055	5.696	0.026				
2.613	-0.032	2.628	-0.019	2.642	0.048	2.659	-0.068	5.711	0.290	5.723	0.344	5.741	0.248	5.761	0.173				
2.678	-0.089	2.697	-0.104	2.712	-0.077	2.733	-0.078	5.782	0.200	5.801	0.030	5.820	0.029	5.845	-0.039				
2.757	-0.019	2.772	0.021	2.793	0.020	2.800	0.100	5.869	0.048	5.888	0.190	5.911	0.383	5.931	0.215				
2.826	0.094	2.841	0.161	2.860	0.073	2.880	0.103	5.945	0.147	5.962	0.289	5.982	0.383	5.997	0.321				
2.898	0.032	2.920	0.092	2.944	-0.071	2.955	-0.118	6.010	0.375	6.023	0.388	6.043	0.278	6.062	0.027				
2.967	-0.064	2.982	0.030	3.001	-0.011	3.028	0.036	6.081	-0.028	6.099	-0.063	6.114	0.011	6.128	0.233				
3.051	-0.019	3.070	-0.033	3.089	-0.020	3.115	0.054	6.144	0.341	6.156	0.320	6.166	0.292	6.188	0.352				
3.140	0.074	3.161	0.155	3.169	0.168	3.186	0.107	6.210	0.080	6.229	-0.577	6.247	-0.862	6.269	-0.795				
3.208	-0.018	3.225	0.003	3.242	-0.011	3.261	-0.067	6.285	-0.749	6.306	-0.750	6.324	-0.574	6.341	-0.155				
3.272	-0.101	3.282	-0.054	3.293	0.019	3.310	-0.049	6.360	0.189	6.376	0.439	6.389	0.526	6.406	0.343				

6.417	0.201	6.437	0.053	6.455	-0.238	6.468	-0.584	10.129	-0.236	10.142	-0.520	10.155	-0.607	10.166	-0.498
6.486	-0.895	6.505	-1.098	6.522	-0.969	6.538	-0.637	10.179	-0.328	10.192	-0.524	10.201	-0.726	10.213	-0.767
6.549	-0.204	6.560	0.243	6.572	0.609	6.582	0.975	10.226	-0.692	10.237	-0.441	10.253	-0.170	10.262	0.135
6.597	1.205	6.611	1.300	6.629	1.104	6.643	0.657	10.275	0.400	10.287	0.698	10.294	0.942	10.311	1.199
6.656	0.129	6.669	-0.189	6.683	-0.413	6.699	-0.324	10.322	1.112	10.329	1.003	10.339	0.916	10.352	1.011
6.715	-0.202	6.731	-0.135	6.747	-0.107	6.761	0.116	10.361	1.228	10.374	1.350	10.392	1.208	10.401	0.822
6.779	0.611	6.788	0.672	6.802	0.489	6.812	0.380	10.414	0.369	10.431	-0.206	10.443	-0.422	10.461	-0.489
6.822	0.366	6.837	0.542	6.848	0.785	6.863	1.110	10.480	-0.415	10.489	-0.265	10.503	-0.150	10.523	-0.183
6.871	1.151	6.886	0.974	6.898	0.534	6.913	0.107	10.541	0.318	10.557	-0.325	10.573	-0.216	10.588	0.001
6.926	-0.273	6.938	-0.463	6.951	-0.422	6.968	-0.328	10.612	0.313	10.637	0.497	10.663	0.363	10.684	0.079
6.977	-0.301	6.990	-0.389	7.004	-0.417	7.022	-0.295	10.702	-0.225	10.716	-0.374	10.740	-0.373	10.757	-0.602
7.041	0.051	7.054	0.104	7.073	0.097	7.086	0.226	10.775	-1.008	10.791	-1.082	10.807	-0.825	10.823	-0.601
7.097	0.381	7.119	0.374	7.137	0.117	7.158	-0.316	10.834	-0.554	10.851	-0.689	10.862	-0.825	10.881	-0.696
7.179	-0.249	7.197	-0.120	7.213	0.110	7.222	0.158	10.899	-0.364	10.912	-0.242	10.929	-0.317	10.952	-0.290
7.236	0.077	7.250	0.017	7.264	0.099	7.275	0.553	10.966	-0.276	10.986	-0.466	11.002	-0.669	11.010	-0.771
7.284	0.912	7.294	1.047	7.308	0.845	7.325	0.229	11.029	-0.785	11.045	-0.731	11.063	-0.922	11.075	-1.010
7.340	-0.143	7.361	-0.271	7.383	-0.426	7.402	-0.608	11.089	-0.746	11.102	-0.683	11.120	-0.158	11.147	-0.065
7.370	-0.525	7.448	-0.152	7.468	0.201	7.481	0.310	11.167	0.423	11.184	0.137	11.207	0.434	11.234	0.567
7.502	0.088	7.517	-0.094	7.537	-0.201	7.556	-0.512	11.264	0.423	11.284	0.137	11.303	-0.399	11.320	-0.726
7.574	-0.985	7.590	-1.113	7.605	-0.821	7.621	-0.029	11.335	-0.680	11.349	-0.444	11.369	-0.303	11.379	-0.297
7.636	0.567	7.648	0.716	7.669	0.473	7.690	0.243	11.388	-0.200	11.402	-0.278	11.415	-0.205	11.426	-0.158
7.710	-0.001	7.731	-0.393	7.745	-0.508	7.763	-0.515	11.440	-0.200	11.455	-0.208	11.466	-0.175	11.477	-0.095
7.786	-0.393	7.806	-0.272	7.824	0.066	7.839	0.458	11.490	-0.021	11.501	0.032	11.515	0.058	11.530	0.199
7.856	0.640	7.876	0.646	7.900	0.766	7.915	0.766	11.543	0.388	11.552	0.558	11.561	0.874	11.576	1.157
7.934	0.643	7.956	-0.225	7.970	-0.673	7.981	-0.822	11.583	1.299	11.594	1.406	11.604	1.467	11.616	1.467
7.995	-0.660	8.016	-0.471	8.034	-0.492	8.047	-0.377	11.630	1.405	11.640	1.276	11.649	1.073	11.660	0.883
8.063	0.001	8.080	0.319	8.099	0.535	8.121	0.623	11.670	0.808	11.680	0.902	11.692	0.821	11.701	0.827
8.141	0.798	8.156	0.933	8.170	0.804	8.185	0.479	11.712	0.793	11.723	0.603	11.734	0.400	11.745	0.128
8.201	0.235	8.225	0.236	8.242	0.081	8.262	-0.074	11.760	-0.244	11.771	-0.502	11.782	-0.624	11.794	-0.672
8.278	0.178	8.292	0.537	8.306	0.653	8.326	0.302	11.808	-0.686	11.824	-0.553	11.833	-0.552	11.842	-0.464
8.342	0.099	8.353	0.248	8.364	0.601	8.375	0.703	11.862	-0.776	11.879	-1.077	11.895	-2.307	11.909	-2.558
8.391	0.474	8.409	0.014	8.427	-0.337	8.443	-0.689	11.925	-2.362	11.939	-1.625	11.952	-0.400	11.966	0.385
8.463	-1.094	8.474	-1.141	8.487	-1.073	8.504	-0.808	11.980	0.818	11.988	0.885	12.004	0.668	12.019	0.221
8.520	-0.415	8.531	0.466	8.543	1.028	8.554	1.252	12.032	-0.152	12.043	-0.301	12.057	-0.362	12.072	-0.261
8.564	0.995	8.584	0.502	8.597	0.597	8.611	0.685	12.083	-0.152	12.093	-0.071	12.106	-0.099	12.120	-0.106
8.629	0.367	8.642	-0.019	8.657	-0.215	8.670	-0.134	12.136	0.050	12.149	0.260	12.164	0.395	12.179	0.279
8.685	0.198	8.698	0.692	8.712	0.814	8.727	0.672	12.189	0.137	12.200	0.049	12.211	0.198	12.220	0.387
8.737	0.442	8.752	0.523	8.761	0.685	8.774	0.746	12.229	0.496	12.235	0.557	12.249	0.299	12.262	0.117
8.795	0.448	8.808	0.211	8.830	-0.175	8.851	-0.839	12.277	0.056	12.286	0.042	12.299	0.157	12.311	0.245
8.866	-1.374	8.884	-1.529	8.902	-1.482	8.916	-1.293	12.326	0.198	12.337	0.001	12.352	-0.195	12.370	-0.032
8.934	-1.164	8.954	-1.347	8.969	-1.442	8.988	-1.097	12.381	0.178	12.392	0.320	12.409	0.218	12.423	0.021
9.006	-0.332	9.023	-0.115	9.043	-0.257	9.060	-0.317	12.439	-0.061	12.459	0.149	12.473	0.311	12.488	0.426
9.077	-0.060	9.090	0.245	9.107	0.421	9.127	0.144	12.502	0.506	12.519	0.581	12.539	0.465	12.559	0.322
9.147	-0.343	9.169	-0.654	9.190	-0.816	9.211	-0.850	12.576	0.247	12.592	0.389	12.610	0.538	12.628	0.599
9.236	-0.619	9.254	0.214	9.273	1.548	9.297	2.151	12.644	0.417	12.663	0.167	12.681	-0.090	12.697	-0.218
9.318	1.887	9.337	1.482	9.356	0.886	9.377	0.304	12.713	-0.157	12.726	0.067	12.742	0.135	12.758	0.122
9.397	-0.054	9.422	-0.176	9.442	-0.379	9.460	-0.386	12.778	0.096	12.801	0.042	12.822	-0.045	12.839	-0.105
9.476	-0.142	9.494	0.189	9.514	0.047	9.533	0.074	12.856	-0.132	12.872	-0.111	12.889	-0.029	12.902	0.270
9.522	0.223	9.568	0.392	9.594	-0.102	9.605	-0.691	12.917	0.528	12.927	0.603	12.944	0.339	12.960	0.053
9.623	-0.961	9.642	-0.609	9.660	-0.480	9.681	-0.263	12.975	-0.221	12.996	-0.308	13.014	-0.553	13.028	-0.600
9.697	0.211	9.718	0.462	9.741	0.131	9.763	-0.079	13.044	-0.438	13.064	-0.175	13.081	0.035	13.101	0.095
9.789	-0.444	9.801	-0.545	9.824	-0.442	9.844	-0.231	13.118	0.095	13.132	0.094	13.150	0.162	13.165	0.378
9.864	-0.447	9.877	-0.643	9.898	-0.513	9.915	-0.133	13.175	0.628	13.188	0.617	13.202	0.959	13.224	0.925
9.936	-0.112	9.951	-0.262	9.969	-0.466	9.988	0.351	13.248	0.727	13.271	0.537	13.301	0.509	13.326	0.359
10.006	0.0	10.018	-0.249	10.034	-0.221	10.050	0.044	13.342	0.156	13.358	0.121	13.380	0.066	13.392	-0.009
10.067	0.275	10.082	0.391	10.098	0.371	10.116	0.142	13.402	-0.049	13.422	-0.016	13.440	-0.077	13.460	-0.206

13.465	-0.227	13.480	-0.193	13.490	-0.064	13.500	0.084	17.242	-0.190	17.260	-0.149	17.280	-0.047	17.302	0.014
13.513	0.165	13.533	0.253	13.550	0.320	13.560	0.347	17.324	0.028	17.341	0.090	17.360	0.070	17.377	0.064
13.571	0.286	13.581	0.157	13.591	0.089	13.599	0.042	17.398	0.105	17.420	0.051	17.438	0.036	17.460	0.130
13.611	0.056	13.622	0.089	13.641	0.022	13.659	-0.141	17.482	-0.177	17.502	-0.210	17.522	-0.175	17.542	-0.087
13.671	-0.290	13.683	-0.337	13.701	-0.290	13.717	-0.127	17.561	-0.018	17.584	-0.018	17.604	-0.010	17.622	0.024
13.734	-0.026	13.751	0.164	13.764	0.299	13.778	0.367	17.641	0.099	17.652	-0.113	17.665	0.073	17.679	0.026
13.756	0.381	13.814	0.326	13.828	0.286	13.851	0.285	17.698	0.033	17.721	0.047	17.743	0.034	17.761	0.034
13.817	0.238	13.885	0.217	13.899	0.082	13.908	-0.020	17.777	-0.006	17.790	-0.121	17.806	-0.249	17.819	-0.303
13.917	-0.047	13.929	-0.006	13.943	0.081	13.960	-0.135	17.838	-0.242	17.853	-0.147	17.864	-0.113	17.882	-0.099
13.976	0.081	13.988	-0.068	14.002	-0.197	14.013	-0.319	17.901	-0.092	17.918	-0.044	17.933	0.031	17.950	0.058
14.026	-0.280	14.040	-0.131	14.058	0.010	14.076	0.097	17.965	0.011	17.982	-0.097	17.996	-0.124	18.017	-0.103
14.094	0.123	14.104	0.203	14.117	0.223	14.129	0.168	18.038	0.050	18.058	-0.130	18.078	-0.218	18.101	-0.272
14.144	0.052	14.155	0.011	14.172	0.037	14.193	0.083	18.122	-0.285	18.141	-0.312	18.160	-0.319	18.178	-0.224
14.216	0.122	14.233	0.216	14.255	0.329	14.272	0.287	18.194	-0.163	18.207	-0.156	18.223	-0.163	18.240	-0.116
14.293	0.266	14.317	0.237	14.336	0.181	14.344	0.154	18.258	-0.035	18.269	-0.015	18.284	-0.049	18.301	-0.185
14.357	0.180	14.373	0.220	14.389	0.144	14.404	0.136	18.311	-0.239	18.330	-0.199	18.341	-0.104	18.359	0.011
14.425	0.163	14.450	0.216	14.467	0.181	14.488	0.113	18.381	0.118	18.398	0.152	18.421	0.198	18.438	0.238
14.511	-0.024	14.531	-0.180	14.554	-0.269	14.574	-0.277	18.456	0.163	18.473	0.074	18.497	0.039	18.515	-0.070
14.596	-0.271	14.614	-0.386	14.630	-0.495	14.643	-0.522	18.537	-0.159	18.554	-0.173	18.571	-0.160	18.587	-0.113
14.656	-0.481	14.676	-0.346	14.691	-0.190	14.704	-0.095	18.603	-0.033	18.620	0.021	18.639	0.101	18.660	0.134
14.724	-0.088	14.743	-0.081	14.762	-0.034	14.786	-0.021	18.673	0.146	18.690	0.119	18.711	0.057	18.730	-0.032
14.805	-0.054	14.820	-0.195	14.832	-0.275	14.848	-0.315	18.747	-0.081	18.767	-0.034	18.785	0.053	18.802	0.113
14.873	-0.300	14.897	-0.332	14.912	-0.338	14.931	-0.303	18.818	0.146	18.834	0.091	18.855	0.029	18.869	0.062
14.951	-0.152	14.971	0.025	14.987	0.101	15.007	0.035	18.885	0.183	18.907	0.304	18.923	0.344	18.941	0.295
15.031	-0.098	15.053	-0.198	15.074	-0.216	15.094	-0.214	18.961	0.179	18.977	0.090	18.989	0.049	19.008	0.089
15.114	-0.259	15.134	-0.338	15.151	-0.364	15.173	-0.328	19.024	0.142	19.041	0.074	19.055	-0.035	19.071	-0.097
15.192	-0.265	15.205	-0.149	15.222	-0.034	15.239	0.157	19.089	-0.030	19.109	0.003	19.129	0.036	19.146	0.137
15.339	-0.111	15.363	0.062	15.389	-0.034	15.410	-0.062	19.160	0.134	19.178	0.143	19.196	0.095	19.214	0.114
15.504	-0.047	15.524	0.182	15.543	0.302	15.562	0.342	19.231	0.137	19.249	0.106	19.262	0.085	19.277	0.111
15.661	0.149	15.681	0.060	15.693	-0.116	15.710	-0.293	19.294	0.205	19.312	0.259	19.329	0.292	19.343	0.318
15.721	-0.354	15.738	-0.320	15.757	-0.287	15.774	-0.301	19.358	0.250	19.372	0.107	19.389	0.032	19.407	0.072
15.790	-0.308	15.807	-0.193	15.821	-0.104	15.841	-0.062	19.430	0.125	19.452	0.145	19.471	0.225	19.489	0.366
15.862	-0.082	15.878	-0.182	15.892	-0.209	15.906	-0.188	19.578	-0.059	19.593	0.015	19.671	0.062	19.692	0.068
15.922	-0.085	15.941	0.024	15.963	0.106	15.980	0.067	19.711	0.094	19.725	0.121	19.740	0.052	19.761	-0.016
15.997	-0.027	16.013	-0.114	16.029	-0.154	16.044	-0.119	19.781	0.010	19.800	0.105	19.819	0.145	19.840	0.110
16.059	0.038	16.072	0.147	16.083	0.182	16.098	0.122	19.864	0.028	19.882	-0.027	19.901	-0.028	19.919	-0.021
16.114	0.048	16.132	-0.059	16.149	-0.078	16.165	-0.057	19.942	-0.036	19.962	-0.002	19.985	0.037	20.001	0.003
16.181	0.046	16.191	0.135	16.203	0.169	16.217	0.103	20.022	-0.052	20.041	-0.011	20.060	0.022	20.084	0.002
16.236	0.016	16.253	-0.064	16.269	-0.104	16.285	-0.048	20.106	0.042	20.125	0.116	20.143	0.190	20.162	0.094
16.302	0.088	16.313	0.089	16.327	0.049	16.340	-0.058	20.241	-0.088	20.260	-0.169	20.279	-0.162	20.301	-0.108
16.358	-0.084	16.373	-0.063	16.386	-0.001	16.404	0.095	20.315	-0.087	20.342	-0.114	20.342	-0.155	20.356	-0.121
16.422	0.164	16.441	0.254	16.457	0.302	16.473	0.249	20.374	-0.080	20.395	-0.100	20.409	-0.066	20.427	0.016
16.491	0.163	16.512	0.029	16.527	-0.085	16.539	-0.111	20.452	0.016	20.471	-0.078	20.489	-0.159	20.512	-0.172
16.553	-0.083	16.571	0.054	16.594	0.123	16.614	0.118	20.532	-0.178	20.549	-0.198	20.570	-0.258	20.593	-0.312
16.633	0.126	16.647	0.114	16.661	0.034	16.675	0.022	20.609	-0.278	20.642	-0.196	20.642	-0.101	20.659	-0.046
16.688	0.036	16.710	0.092	16.728	0.080	16.750	0.069	20.679	0.022	20.700	0.084	20.720	0.071	20.740	0.003
16.767	0.138	16.781	0.207	16.796	0.269	16.809	0.290	20.760	-0.084	20.777	-0.145	20.793	-0.110	20.806	-0.063
16.828	0.217	16.850	0.029	16.861	-0.018	16.875	-0.044	20.822	-0.002	20.837	0.026	20.852	-0.001	20.863	-0.021
16.890	-0.043	16.903	-0.029	16.919	-0.068	16.938	-0.148	20.883	0.006	20.897	0.0	20.916	-0.088	20.929	-0.122
16.958	-0.228	16.980	-0.301	17.002	-0.327	17.023	-0.340	20.946	-0.108	20.965	-0.060	20.979	0.015	20.991	0.049
17.043	-0.332	17.081	-0.298	17.081	-0.277	17.103	-0.310	21.001	-0.002	21.023	-0.073	21.040	-0.120	21.062	-0.140
17.122	-0.377	17.134	-0.383	17.150	-0.301	17.170	-0.104	21.081	-0.167	21.102	-0.174	21.122	-0.174	21.144	-0.173
17.183	-0.002	17.195	0.025	17.211	-0.029	17.227	-0.150	21.162	-0.166	21.183	-0.146	21.201	-0.092	21.218	-0.044

21.234	-0.004	21.247	-0.024	21.262	-0.031	21.277	0.023	25.318	-0.047	25.333	-0.067	25.354	-0.025	25.376	0.030
21.295	0.070	21.314	-0.056	21.332	0.009	21.351	-0.052	25.393	0.084	25.412	0.139	25.430	0.126	25.450	0.066
21.372	-0.120	21.391	-0.188	21.410	-0.175	21.432	-0.188	25.474	-0.021	25.493	-0.067	25.512	-0.087	25.529	-0.086
21.449	-0.162	21.470	-0.128	21.493	-0.155	21.513	-0.189	25.547	-0.092	25.571	-0.084	25.588	-0.036	25.606	0.026
21.532	-0.243	21.548	-0.230	21.570	-0.176	21.585	-0.122	25.628	0.067	25.644	0.075	25.661	0.082	25.676	0.076
21.605	-0.088	21.625	-0.095	21.642	-0.183	21.658	-0.265	25.695	0.050	25.711	0.023	25.730	0.058	25.752	0.113
21.672	-0.312	21.688	-0.285	21.705	-0.198	21.724	-0.103	25.772	0.094	25.786	0.040	25.805	0.014	25.827	0.008
21.743	-0.013	21.763	0.046	21.785	0.093	21.803	0.100	25.850	0.043	25.874	0.084	25.891	0.099	25.910	0.120
21.821	0.106	21.843	0.140	21.862	0.161	21.881	0.167	25.928	0.134	25.947	0.101	25.971	0.048	25.988	0.001
21.903	0.093	21.919	0.012	21.939	-0.036	21.963	-0.049	26.007	-0.039	26.025	-0.018	26.043	0.037	26.062	0.065
21.982	-0.056	21.996	-0.002	22.010	0.093	22.023	0.147	26.079	0.052	26.101	0.012	26.121	0.012	26.139	0.027
22.035	0.175	22.047	0.155	22.062	0.101	22.075	0.081	26.162	0.054	26.182	0.062	26.198	0.001	26.220	-0.039
22.090	0.101	22.106	0.122	22.126	0.075	22.148	0.034	26.244	-0.060	26.265	-0.066	26.283	-0.073	26.303	-0.026
22.170	-0.013	22.194	-0.060	22.211	-0.053	22.228	0.035	26.322	0.015	26.337	0.022	26.356	0.008	26.379	0.015
22.253	0.110	22.270	0.137	22.291	0.157	22.310	0.117	26.399	0.028	26.418	-0.026	26.439	-0.087	26.462	-0.047
22.325	0.069	22.341	0.042	22.355	0.076	22.370	0.117	26.483	0.007	26.502	-0.007	26.516	-0.055	26.534	-0.075
22.386	0.083	22.403	0.022	22.420	0.015	22.444	0.015	26.550	-0.055	26.566	-0.008	26.584	0.012	26.602	-0.022
22.464	0.014	22.480	0.014	22.499	0.028	22.521	0.068	26.615	-0.043	26.629	-0.056	26.641	-0.050	26.652	-0.030
22.532	0.082	22.551	0.048	22.570	0.0	22.588	0.013	26.665	-0.003	26.674	-0.009	26.684	-0.030	26.696	-0.071
22.604	0.047	22.622	0.041	22.642	-0.013	22.658	-0.066	26.702	-0.077	26.719	-0.071	26.741	-0.037	26.763	-0.017
22.681	-0.073	22.701	-0.079	22.720	-0.085	22.741	-0.037	26.783	0.003	26.798	0.023	26.811	0.010	26.822	-0.011
22.759	0.017	22.775	0.045	22.795	0.039	22.814	0.019	26.840	-0.031	26.857	-0.072	26.871	-0.120	26.882	-0.147
22.829	0.053	22.848	0.061	22.869	0.055	22.891	0.022	26.902	-0.141	26.923	-0.101	26.941	-0.053	26.960	-0.006
22.909	-0.039	22.931	-0.112	22.953	-0.173	22.972	-0.125	26.978	-0.152	27.000	-0.193	27.012	-0.035	27.027	-0.097
22.985	-0.077	23.003	-0.016	23.026	0.018	23.042	0.065	27.042	-0.089	27.059	-0.067	27.073	-0.160	27.078	-0.120
23.058	0.113	23.070	0.133	23.083	0.092	23.102	0.023	27.089	-0.093	27.103	-0.067	27.123	-0.027	27.143	0.026
23.120	-0.091	23.140	-0.159	23.157	-0.206	23.171	-0.186	27.163	0.032	27.183	0.044	27.197	-0.004	27.213	-0.018
23.186	-0.105	23.204	-0.017	23.221	0.009	23.239	0.016	27.231	-0.019	27.244	-0.006	27.261	-0.020	27.274	-0.041
23.258	0.015	23.278	0.062	23.290	0.082	23.306	0.041	27.285	-0.062	27.294	-0.076	27.307	-0.063	27.318	-0.037
23.327	0.0	23.349	-0.008	23.367	-0.001	23.387	0.025	27.333	-0.051	27.349	-0.086	27.364	-0.114	27.382	-0.088
23.404	0.005	23.422	-0.016	23.440	-0.003	23.464	0.058	27.397	-0.048	27.422	-0.083	27.440	-0.144	27.460	-0.132
23.475	0.132	23.494	0.166	23.507	0.138	23.521	0.050	27.480	-0.065	27.502	0.016	27.523	-0.076	27.542	0.048
23.536	0.016	23.552	0.056	23.569	0.137	23.585	0.178	27.554	0.007	27.570	-0.055	27.585	-0.069	27.603	0.050
23.600	0.164	23.621	0.123	23.642	0.075	23.662	0.041	27.622	-0.064	27.644	-0.059	27.664	-0.006	27.678	-0.014
23.681	0.041	23.699	0.027	23.719	0.026	23.740	0.046	27.698	-0.028	27.720	-0.030	27.745	-0.004	27.762	0.049
23.758	0.033	23.777	-0.049	23.797	-0.117	23.815	-0.097	27.783	0.088	27.803	0.040	27.820	0.005	27.842	0.003
23.830	-0.117	23.842	-0.036	23.860	-0.070	23.882	-0.083	27.863	0.023	27.884	0.056	27.904	0.035	27.918	0.014
23.900	-0.029	23.919	-0.056	24.006	-0.110	24.022	-0.130	27.938	0.006	27.960	-0.015	27.982	-0.044	28.001	-0.105
24.041	-0.068	24.058	-0.026	24.072	0.008	24.092	-0.039	28.023	-0.072	28.042	0.002	28.060	0.049	28.079	0.035
24.116	-0.092	24.136	-0.131	24.157	-0.164	24.176	-0.130	28.099	0.021	28.122	0.007	28.141	0.006	28.161	-0.001
24.191	-0.068	24.208	-0.034	24.224	-0.006	24.241	0.035	28.179	-0.002	28.198	0.018	28.224	0.045	28.245	0.044
24.263	0.057	24.280	0.037	24.302	-0.003	24.325	0.066	28.263	0.044	28.281	0.050	28.301	0.022	28.320	-0.005
24.344	0.114	24.363	0.081	24.381	0.008	24.399	-0.005	28.341	0.035	28.361	0.041	28.384	0.027	28.403	0.067
24.420	0.015	24.442	0.009	24.463	-0.018	24.480	-0.078	28.422	0.066	28.442	0.052	28.464	0.085	28.484	0.131
24.493	-0.098	24.508	-0.058	24.522	-0.003	24.542	0.058	28.505	0.090	28.524	0.042	28.541	0.048	28.558	0.067
24.552	-0.079	24.569	0.045	24.585	0.011	24.599	0.005	28.560	0.087	28.604	0.052	28.626	0.031	28.643	0.003
24.614	0.025	24.634	0.080	24.648	0.107	24.670	0.060	28.662	-0.018	28.683	0.015	28.701	0.061	28.724	0.060
24.684	0.006	24.703	-0.007	24.725	-0.013	24.742	-0.013	28.742	0.019	28.762	-0.016	28.776	-0.030	28.800	-0.010
24.762	-0.013	24.785	-0.019	24.804	0.008	24.822	0.009	28.821	-0.024	28.835	-0.065	28.854	0.023	28.865	0.030
24.840	-0.011	24.863	-0.038	24.881	-0.045	24.900	-0.051	28.882	0.043	28.896	-0.004	28.914	-0.072	28.932	-0.045
24.920	-0.085	24.939	-0.111	24.963	-0.091	24.979	-0.050	28.947	-0.039	28.960	-0.046	28.984	-0.026	29.004	-0.012
24.995	-0.036	25.022	-0.008	25.039	0.040	25.065	0.081	29.023	-0.019	29.042	-0.012	29.062	-0.039	29.082	-0.080
25.085	0.068	25.101	0.068	25.122	0.055	25.141	0.036	29.106	-0.053	29.126	0.022	29.144	0.076	29.167	0.062
25.158	0.050	25.180	0.070	25.199	0.044	25.221	0.004	29.184	0.056	29.202	0.028	29.222	0.021	29.245	0.020
25.243	-0.043	25.262	-0.083	25.278	-0.042	25.296	-0.027	29.265	0.013	29.281	-0.008	29.304	0.012	29.321	0.039
								29.340	0.038	29.363	0.031	29.384	0.030	29.405	0.043

29.425	0.043	29.443	0.062	29.461	0.082	29.482	0.081	33.823	0.043	33.841	0.022	33.861	0.001	33.878	-0.020
29.502	0.067	29.522	0.087	29.543	0.066	29.560	0.011	33.902	-0.041	33.917	-0.042	33.937	-0.063	33.961	-0.043
29.582	-0.010	29.605	-0.004	29.623	0.002	29.642	0.009	33.983	-0.017	34.002	-0.011	34.022	0.002	34.042	0.027
29.664	-0.019	29.679	-0.080	29.700	-0.128	29.718	-0.088	34.059	0.006	34.078	0.005	34.101	0.010	34.122	0.009
29.741	-0.007	29.763	0.019	29.779	-0.002	29.799	-0.043	34.138	0.015	34.160	-0.007	34.178	-0.028	34.195	-0.036
29.819	-0.063	29.839	-0.104	29.859	-0.118	29.883	-0.077	34.218	-0.010	34.240	-0.051	34.260	-0.086	34.281	-0.060
29.901	-0.057	29.922	-0.091	29.941	-0.064	29.963	-0.017	34.300	-0.020	34.315	-0.021	34.339	-0.049	34.362	-0.029
29.976	-0.010	30.003	-0.004	30.023	-0.004	30.043	-0.031	34.384	-0.010	34.410	0.016	34.421	0.029	34.439	0.015
30.061	-0.025	30.078	-0.031	30.099	-0.065	30.123	-0.106	34.460	0.0	34.482	0.013	34.502	0.019	34.519	0.011
30.139	-0.147	30.163	-0.134	30.182	-0.093	30.200	-0.073	34.540	0.024	34.562	0.050	34.589	0.042	34.611	0.041
30.223	-0.066	30.242	-0.046	30.264	-0.005	30.283	-0.008	34.638	0.046	34.658	0.065	34.680	0.057	34.700	0.036
30.300	-0.019	30.320	-0.026	30.338	-0.026	30.361	-0.019	34.719	0.028	34.739	0.027	34.757	0.032	34.777	0.018
30.381	0.022	30.397	0.042	30.413	0.036	30.425	0.022	34.800	0.016	34.824	0.022	34.846	0.027	34.864	0.012
30.443	0.016	30.462	0.030	30.482	0.044	30.503	0.003	34.879	0.004	34.897	-0.004	34.922	-0.005	34.939	0.007
30.523	-0.037	30.541	-0.077	30.558	-0.111	30.572	-0.097	34.961	0.026	34.983	0.018	35.007	0.009	35.023	0.007
30.583	-0.043	30.596	0.005	30.607	0.039	30.620	0.060	35.040	0.034	35.057	0.040	35.081	0.018	35.097	0.017
30.641	0.047	30.661	0.007	30.679	-0.033	30.697	-0.080	35.120	0.003	35.143	0.015	35.159	0.027	35.182	0.039
30.719	-0.093	30.740	-0.078	30.760	-0.051	30.780	-0.036	35.210	0.065	35.240	0.037	35.261	-0.011	35.280	-0.039
30.800	-0.042	30.816	-0.035	30.838	0.028	30.860	0.083	35.301	-0.027	35.321	-0.007	35.339	-0.008	35.359	-0.036
30.882	0.098	30.901	0.079	30.920	0.060	30.940	0.020	35.383	-0.023	35.407	0.023	35.424	0.029	35.441	0.028
30.958	-0.013	30.984	-0.011	30.998	-0.010	31.023	-0.010	35.460	0.0	35.481	-0.008	35.500	-0.009	35.520	0.017
31.043	-0.009	31.061	-0.029	31.081	-0.069	31.100	-0.082	35.539	0.016	35.558	-0.005	35.579	-0.006	35.602	-0.021
31.122	-0.082	31.139	-0.061	31.163	-0.047	31.182	-0.040	35.621	-0.043	35.643	-0.058	35.661	-0.052	35.682	-0.040
31.202	-0.005	31.218	-0.006	31.242	-0.013	31.263	0.014	35.703	-0.014	35.726	0.025	35.746	0.051	35.765	0.063
31.281	0.028	31.303	0.041	31.319	0.041	31.347	0.041	35.791	0.068	35.814	0.020	35.841	-0.022	35.864	-0.024
31.362	0.054	31.385	0.054	31.404	0.027	31.421	0.028	35.885	-0.030	35.907	-0.030	35.925	-0.037	35.942	-0.024
31.440	0.015	31.466	0.016	31.482	0.037	31.501	0.030	35.962	-0.018	35.989	0.008	36.012	0.029	36.042	0.056
31.523	0.058	31.539	0.093	31.561	0.084	31.585	0.087	36.063	0.083	36.086	0.097	36.105	0.097	36.126	0.063
31.605	0.075	31.620	0.076	31.641	0.084	31.661	0.105	36.144	0.043	36.170	0.030	36.191	-0.010	36.205	-0.024
31.682	0.100	31.699	0.101	31.717	0.095	31.741	0.076	36.227	-0.011	36.245	0.003	36.264	0.030	36.283	0.057
31.762	0.077	31.784	0.079	31.802	0.073	31.820	0.060	36.300	0.063	36.322	0.049	36.339	0.009	36.352	0.002
31.840	0.020	31.864	0.027	31.880	0.008	31.900	-0.032	36.362	-0.005	36.372	0.008	36.380	0.002		
31.922	-0.065	31.946	-0.092	31.962	-0.098	31.985	-0.084								
32.004	-0.042	32.024	-0.008	32.041	0.006	32.059	-0.007								
32.079	-0.020	32.100	-0.006	32.120	0.028	32.140	0.042								
32.159	-0.016	32.182	0.010	32.203	-0.031	32.218	-0.050								
32.242	-0.050	32.260	-0.063	32.279	-0.069	32.299	-0.082								
32.320	-0.075	32.336	-0.068	32.358	-0.074	32.378	-0.060								
32.401	-0.046	32.421	-0.046	32.440	-0.059	32.462	-0.086								
32.480	-0.086	32.498	-0.086	32.518	-0.113	32.540	-0.112								
32.561	-0.072	32.581	-0.051	32.601	0.017	32.619	0.037								
32.639	0.010	32.659	-0.010	32.679	-0.010	32.701	-0.010								
32.722	-0.016	32.738	-0.016	32.756	-0.023	32.778	-0.009								
32.801	0.025	32.825	0.059	32.842	0.073	32.861	0.060								
32.880	0.053	32.902	0.040	32.922	0.026	32.941	-0.007								
32.961	-0.028	32.978	-0.034	33.000	-0.034	33.022	-0.014								
33.042	-0.013	33.063	0.0	33.083	-0.013	33.104	-0.026								
33.126	-0.040	33.140	-0.060	33.160	-0.060	33.178	-0.039								
33.198	0.008	33.211	0.029	33.236	-0.012	33.258	-0.032								
33.264	-0.052	33.280	-0.052	33.300	-0.052	33.322	-0.052								
33.340	-0.072	33.360	-0.085	33.384	-0.078	33.405	-0.071								
33.423	-0.065	33.442	-0.038	33.461	0.003	33.480	0.010								
33.500	-0.038	33.520	-0.038	33.539	0.003	33.560	-0.037								
33.576	0.003	33.595	-0.024	33.616	-0.024	33.639	-0.017								
33.660	-0.038	33.678	-0.065	33.699	-0.078	33.721	-0.044								
33.740	-0.038	33.760	-0.024	33.781	0.003	33.802	0.050								

IR253
71.200 2/9/71 0600PST 535 S. FREMONT AVENUE, BASEMENT, LOS ANGELES, CAL. S60W

2215 POINTS 36.375 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.2777 G/10.

TYPE	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.035	0.010	0.028	0.020	0.027	0.025	0.021	2.077	-0.067	2.098	0.029	2.112	0.105	2.122	0.146				
0.030	0.062	0.044	0.034	0.055	0.020	0.068	-0.007	2.132	0.071	2.148	-0.005	2.158	-0.067	2.173	-0.053				
0.081	-0.035	0.094	-0.042	0.102	-0.014	0.109	-0.008	2.186	0.043	2.197	0.098	2.213	0.077	2.231	0.029				
0.118	0.006	0.124	0.006	0.134	0.013	0.141	0.006	2.239	-0.019	2.245	0.023	2.251	0.050	2.259	0.084				
0.148	-0.015	0.154	0.019	0.162	0.013	0.170	0.033	2.272	0.029	2.283	-0.019	2.289	-0.060	2.302	-0.019				
0.175	0.047	0.187	0.012	0.197	-0.008	0.207	-0.029	2.319	0.043	2.331	0.050	2.337	0.071	2.353	0.050				
0.214	-0.022	0.224	-0.002	0.230	0.012	0.237	0.019	2.365	0.043	2.374	0.050	2.383	0.105	2.393	0.139				
0.251	0.032	0.261	0.019	0.274	0.012	0.299	0.011	2.402	0.070	2.411	0.015	2.423	-0.047	2.439	-0.013				
0.308	-0.009	0.319	0.004	0.330	0.004	0.340	-0.010	2.444	0.014	2.455	0.048	2.470	-0.014	2.484	-0.048				
0.354	-0.044	0.374	-0.044	0.393	-0.044	0.404	-0.003	2.500	-0.049	2.515	-0.029	2.522	0.006	2.530	-0.001				
0.412	0.005	0.423	-0.015	0.436	-0.035	0.449	-0.001	2.542	0.012	2.548	-0.009	2.561	-0.037	2.575	-0.037				
0.462	0.034	0.477	0.035	0.502	0.036	0.506	0.022	2.586	-0.010	2.598	0.038	2.607	0.058	2.618	0.078				
0.522	-0.018	0.539	-0.045	0.561	-0.058	0.572	-0.043	2.628	0.035	2.637	0.015	2.642	-0.006	2.653	0.021				
0.591	0.012	0.607	0.048	0.626	0.057	0.643	0.072	2.659	0.035	2.669	0.007	2.679	-0.028	2.693	0.012				
0.654	0.087	0.665	0.047	0.680	-0.014	0.691	0.001	2.701	0.060	2.710	0.114	2.718	0.086	2.738	0.044				
0.713	0.024	0.724	-0.009	0.731	-0.043	0.740	-0.049	2.761	0.043	2.774	-0.056	2.784	0.028	2.793	-0.034				
0.755	-0.006	0.766	0.015	0.780	-0.011	0.790	-0.003	2.807	-0.089	2.824	-0.048	2.838	-0.021	2.848	-0.027				
0.804	0.032	0.818	0.047	0.829	0.021	0.846	0.023	2.863	0.122	2.876	0.054	2.894	-0.008	2.899	-0.022				
0.859	0.024	0.867	0.032	0.887	-0.008	0.902	-0.027	2.915	0.026	2.916	0.039	2.925	0.080	2.939	0.059				
0.941	-0.044	0.958	-0.001	0.969	-0.041	0.979	0.063	2.949	0.045	2.961	0.025	2.970	0.045	2.992	-0.044				
0.989	0.064	1.004	0.051	1.017	0.066	1.030	0.026	3.001	-0.093	3.017	-0.079	3.029	-0.059	3.041	-0.073				
1.042	-0.001	1.061	0.007	1.066	0.022	1.077	0.002	3.057	-0.067	3.065	-0.032	3.078	0.022	3.094	-0.033				
1.084	-0.025	1.093	-0.004	1.102	0.024	1.123	-0.022	3.112	-0.054	3.123	-0.027	3.146	-0.062	3.160	-0.124				
1.131	-0.049	1.148	-0.075	1.165	-0.074	1.172	-0.039	3.175	-0.083	3.189	0.033	3.199	0.101	3.216	0.079				
1.183	0.010	1.191	0.079	1.213	0.073	1.224	0.108	3.231	0.051	3.245	0.050	3.256	0.050	3.267	0.049				
1.232	0.088	1.243	0.088	1.252	0.061	1.266	0.096	3.286	0.020	3.299	-0.015	3.309	-0.002	3.322	0.052				
1.284	0.021	1.295	-0.012	1.307	0.036	1.322	0.051	3.333	0.079	3.352	0.037	3.366	-0.087	3.389	0.048				
1.327	0.078	1.338	0.079	1.349	0.038	1.371	-0.050	3.402	0.068	3.415	0.033	3.430	-0.023	3.437	-0.044				
1.383	-0.009	1.403	0.026	1.419	0.027	1.435	0.013	3.458	0.024	3.476	0.091	3.486	0.104	3.497	0.069				
1.448	0.041	1.463	0.014	1.480	0.034	1.493	0.021	3.511	0.110	3.522	0.143	3.536	0.074	3.553	-0.078				
1.504	0.035	1.525	0.028	1.543	0.084	1.554	0.091	3.569	-0.106	3.592	-0.060	3.611	-0.013	3.632	0.062				
1.567	0.002	1.584	-0.053	1.598	-0.018	1.614	0.037	3.645	0.027	3.652	0.047	3.663	0.047	3.669	0.026				
1.629	-0.003	1.643	-0.043	1.662	-0.035	1.688	0.028	3.688	0.073	3.701	0.052	3.709	0.072	3.723	-0.017				
1.656	0.014	1.697	0.014	1.720	0.070	1.734	0.071	3.736	-0.093	3.759	-0.046	3.768	-0.006	3.800	-0.075				
1.749	0.051	1.757	0.086	1.765	0.038	1.779	0.073	3.805	0.007	3.817	0.082	3.850	0.027	3.879	-0.090				
1.750	0.088	1.804	0.047	1.812	0.020	1.820	-0.014	3.889	-0.145	3.913	-0.084	3.925	-0.043	3.946	-0.043				
1.836	0.008	1.845	0.022	1.863	0.037	1.873	-0.004	3.954	-0.023	3.969	0.059	3.984	0.045	4.002	0.011				
1.882	0.024	1.895	-0.037	1.910	-0.057	1.929	-0.001	4.025	0.175	4.032	0.244	4.040	0.155	4.059	-0.044				
1.940	0.034	1.957	0.103	1.977	0.097	1.985	0.022	4.077	-0.085	4.097	-0.017	4.125	0.031	4.148	-0.010				
1.958	0.064	2.019	-0.025	2.036	-0.108	2.059	-0.046	4.161	-0.085	4.175	-0.133	4.196	-0.093	4.207	-0.024				

4.227	0.044	4.234	0.051	4.245	0.050	4.266	-0.005	7.509	-0.102	7.518	0.153	7.522	0.180	7.536	0.112
4.227	0.001	4.299	0.008	4.316	-0.034	4.334	0.007	7.556	-0.037	7.567	-0.099	7.583	-0.002	7.592	0.026
4.345	0.034	4.365	0.027	4.373	0.074	4.382	0.115	7.606	-0.104	7.620	-0.591	7.633	-0.858	7.650	-1.009
4.356	0.135	4.414	0.100	4.424	0.058	4.434	0.085	7.665	-0.899	7.677	-0.474	7.687	-0.007	7.692	0.315
4.448	0.105	4.472	-0.047	4.490	-0.103	4.510	-0.077	7.701	0.555	7.714	0.439	7.728	-0.110	7.759	-0.171
4.525	-0.030	4.533	-0.010	4.544	-0.004	4.552	-0.025	7.761	-0.336	7.794	-0.418	7.810	-0.309	7.822	-0.214
4.564	0.002	4.576	0.035	4.585	0.062	4.603	0.041	7.842	-0.167	7.856	-0.030	7.867	-0.181	7.879	0.373
4.619	-0.056	4.634	0.025	4.644	0.100	4.652	0.141	7.886	0.565	7.894	0.852	7.908	1.290	7.917	1.612
4.669	0.092	4.682	-0.019	4.702	-0.089	4.733	-0.036	7.937	1.392	7.954	1.124	7.954	0.678	7.968	0.149
4.762	-0.099	4.785	-0.032	4.800	0.064	4.811	0.111	7.995	-0.017	7.995	-0.106	8.009	-0.367	8.024	-0.573
4.838	0.035	4.845	-0.006	4.856	0.042	4.870	0.117	8.034	-0.519	8.046	-0.279	8.059	-0.197	8.075	-0.115
4.882	0.151	4.898	0.089	4.906	0.033	4.926	-0.077	8.087	-0.095	8.103	-0.102	8.113	-0.013	8.120	0.055
4.946	-0.064	4.955	-0.030	4.964	-0.023	4.970	0.004	8.128	0.364	8.146	0.726	8.162	-0.898	8.177	0.733
4.982	0.052	4.991	0.107	5.013	0.059	5.038	-0.064	8.191	0.198	8.208	-0.186	8.216	-0.096	8.223	0.0
5.068	-0.119	5.088	-0.050	5.102	0.032	5.120	-0.023	8.231	0.110	8.259	0.131	8.258	-0.008	8.273	0.098
5.131	0.012	5.142	0.012	5.165	-0.022	5.182	-0.063	8.285	0.202	8.299	0.106	8.307	-0.024	8.315	-0.065
5.199	-0.118	5.216	-0.063	5.229	0.061	5.243	0.144	8.322	0.011	8.338	0.341	8.349	0.588	8.361	0.568
5.254	0.082	5.283	-0.020	5.290	-0.082	5.300	-0.027	8.366	0.370	8.428	0.921	8.385	0.206	8.396	0.364
5.309	0.076	5.319	0.131	5.335	0.083	5.348	0.001	8.416	0.756	8.468	0.921	8.445	0.778	8.462	0.353
5.364	-0.060	5.379	0.016	5.388	0.036	5.406	-0.032	8.468	0.155	8.486	0.046	8.500	-0.235	8.507	-0.564
5.438	0.173	5.458	0.366	5.474	0.297	5.501	0.084	8.518	-0.892	8.529	-1.269	8.547	-1.364	8.562	-1.227
5.523	0.023	5.537	0.036	5.549	-0.046	5.561	-0.128	8.576	-0.808	8.592	-0.231	8.604	-0.032	8.622	0.125
5.574	-0.094	5.591	-0.142	5.609	-0.232	5.627	-0.026	8.639	0.557	8.645	0.695	8.653	0.818	8.663	0.722
5.642	0.097	5.659	0.007	5.685	-0.158	5.702	-0.172	8.674	0.530	8.680	0.324	8.698	-0.012	8.708	-0.142
5.725	-0.159	5.739	-0.036	5.754	0.046	5.767	0.146	8.722	-0.019	8.730	0.283	8.740	0.503	8.748	0.619
5.797	-0.058	5.811	0.010	5.822	-0.004	5.836	0.146	8.761	0.544	8.771	-0.216	8.779	-0.142	8.788	-0.547
5.850	0.358	5.874	0.248	5.899	0.165	5.918	-0.014	8.797	-0.704	8.808	-0.821	8.817	-0.718	8.831	-0.609
5.937	-0.077	5.956	0.012	5.981	0.128	5.991	0.141	8.844	-0.540	8.852	-0.321	8.866	0.036	8.872	0.180
6.007	0.092	6.031	0.029	6.047	0.214	6.060	0.515	8.893	0.015	8.908	-0.424	8.919	-0.685	8.932	-0.863
6.073	0.774	6.088	0.952	6.101	0.862	6.135	0.278	8.945	-0.733	8.960	-0.157	8.975	-0.227	8.986	0.446
6.158	-0.163	6.173	-0.410	6.191	-0.329	6.217	-0.364	8.997	0.336	9.017	-0.322	9.025	-0.651	9.041	-0.801
6.231	-0.440	6.253	-0.530	6.266	-0.380	6.285	0.058	9.053	-0.897	9.068	-1.164	9.084	-1.363	9.099	-1.500
6.301	0.243	6.315	0.125	6.330	-0.321	6.338	-0.438	9.109	-1.527	9.128	-1.403	9.142	-1.170	9.151	-0.923
6.348	-0.363	6.360	-0.171	6.368	-0.103	6.379	-0.255	9.167	-0.559	9.177	-0.230	9.187	0.113	9.195	0.244
6.390	-0.502	6.397	-0.577	6.408	-0.454	6.419	-0.125	9.214	0.141	9.230	0.011	9.246	0.114	9.269	0.855
6.436	0.122	6.445	-0.001	6.459	-0.378	6.469	-0.604	9.283	1.281	9.302	1.878	9.314	2.214	9.323	2.317
6.475	-0.693	6.492	-0.604	6.508	-0.474	6.533	-0.460	9.337	2.084	9.350	1.618	9.365	-0.679	9.379	0.082
6.552	-0.625	6.559	-0.823	6.577	-0.830	6.581	-0.576	9.398	-0.144	9.414	-0.103	9.427	-0.137	9.438	0.014
6.590	-0.329	6.600	0.103	6.605	0.597	6.613	0.885	9.451	0.185	9.460	0.302	9.472	0.199	9.486	-0.130
6.621	1.207	6.632	1.406	6.643	1.311	6.650	1.091	9.501	-0.336	9.512	-0.178	9.522	0.295	9.532	0.515
6.662	0.577	6.671	0.392	6.682	0.488	6.691	0.584	9.539	0.864	9.550	0.953	9.563	0.713	9.579	0.117
6.700	0.639	6.716	0.529	6.734	0.324	6.747	0.269	9.593	-0.109	9.606	0.042	9.620	0.248	9.636	-0.013
6.762	0.201	6.791	-0.252	6.807	-0.376	6.829	-0.273	9.649	-0.238	9.665	-0.527	9.679	-0.513	9.688	-0.416
6.852	0.117	6.868	0.466	6.885	0.363	6.893	0.185	9.696	-0.238	9.709	-0.080	9.719	0.030	9.738	-0.114
6.902	0.061	6.916	0.061	6.927	0.136	6.948	0.019	9.752	-0.182	9.764	-0.182	9.783	-0.257	9.796	-0.112
6.957	-0.146	6.967	-0.256	6.983	-0.023	6.995	0.395	9.808	0.025	9.827	-0.077	9.845	-0.309	9.862	-0.466
7.004	0.628	7.020	0.744	7.030	0.641	7.044	0.236	9.875	-0.561	9.891	-0.636	9.911	-0.765	9.930	-0.798
7.055	0.010	7.064	-0.079	7.075	0.037	7.088	0.209	9.952	-0.729	9.968	-0.563	9.981	-0.295	9.994	0.172
7.102	0.483	7.108	0.613	7.119	0.716	7.140	0.592	10.002	0.522	10.012	1.010	10.020	1.264	10.027	1.374
7.158	0.098	7.172	-0.286	7.187	-0.595	7.200	-0.807	10.039	1.265	10.056	0.985	10.070	0.814	10.086	0.623
7.216	-0.909	7.233	-0.833	7.252	-0.723	7.264	-0.606	10.095	0.432	10.111	-0.102	10.119	-0.561	10.139	-0.622
7.273	-0.338	7.283	-0.118	7.289	0.005	7.293	0.060	10.158	-0.504	10.165	0.086	10.179	0.354	10.192	0.252
7.303	-0.008	7.315	-0.199	7.325	-0.316	7.338	0.062	10.200	0.115	10.217	0.267	10.231	0.452	10.242	0.631
7.347	0.419	7.358	0.947	7.370	1.222	7.384	1.024	10.247	0.713	10.261	0.583	10.270	0.248	10.284	-0.493
7.404	0.332	7.430	-0.380	7.444	-0.585	7.458	-0.529	10.296	-0.657	10.307	-0.526	10.325	-0.382	10.345	-0.012
7.467	-0.515	7.477	-0.467	7.487	-0.507	7.502	-0.315	10.336	0.215	10.347	0.435	10.355	0.531	10.374	0.456

10.388	0.456	10.396	0.546	10.415	0.875	10.427	0.985	13.709	-0.389	13.723	-0.169	13.735	-0.087	13.753	-0.073
10.441	0.855	10.454	0.431	10.471	-0.186	10.497	-0.878	13.771	0.057	13.785	0.180	13.803	0.269	13.820	0.358
10.509	-1.132	10.522	-1.008	10.534	-0.836	10.548	-0.719	13.833	0.399	13.845	0.351	13.857	0.248	13.872	0.132
10.570	-0.753	10.588	-0.615	10.613	-0.457	10.636	-0.264	13.890	0.104	13.905	0.070	13.918	-0.088	13.929	-0.253
10.652	-0.003	10.666	0.190	10.684	0.273	10.702	0.594	13.940	-0.328	13.957	-0.370	13.975	-0.315	13.990	-0.260
10.718	0.219	10.732	-0.007	10.746	-0.157	10.755	-0.280	14.011	-0.227	14.028	-0.180	14.047	-0.243	14.061	-0.360
10.764	-0.157	10.783	0.112	10.798	0.201	10.814	0.084	14.072	-0.389	14.089	-0.348	14.105	-0.253	14.120	-0.131
10.829	-0.121	10.838	-0.245	10.854	-0.039	10.867	0.593	14.139	-0.070	14.155	-0.085	14.169	-0.086	14.181	-0.004
10.881	0.866	10.895	1.079	10.906	0.941	10.918	0.475	14.194	0.173	14.207	0.337	14.223	0.452	14.239	0.479
10.932	0.016	10.948	-0.176	10.966	-0.163	10.980	-0.300	14.257	0.512	14.266	0.545	14.282	0.496	14.293	0.400
10.998	-0.684	11.020	-0.870	11.030	-0.870	11.040	-0.946	14.305	0.316	14.323	0.288	14.337	0.280	14.353	0.203
11.054	-0.898	11.067	-0.727	11.083	-0.454	11.094	-0.303	14.363	0.148	14.373	0.120	14.388	0.174	14.404	0.283
11.105	-0.310	11.115	-0.297	11.125	-0.332	11.136	-0.270	14.419	0.357	14.433	0.377	14.447	0.349	14.466	0.294
11.144	-0.257	11.153	-0.319	11.167	-0.251	11.176	-0.265	14.487	0.286	14.505	0.306	14.524	0.428	14.540	0.537
11.186	-0.252	11.209	-0.219	11.223	-0.076	11.241	0.060	14.556	0.585	14.571	0.550	14.585	0.467	14.604	0.329
11.255	0.155	11.267	0.085	11.292	-0.143	11.307	-0.226	14.617	0.192	14.634	0.069	14.650	0.035	14.668	0.083
11.318	-0.090	11.331	0.307	11.343	0.532	11.354	0.668	14.685	0.124	14.702	0.069	14.717	0.014	14.729	0.076
11.373	0.598	11.374	0.598	11.400	0.445	11.427	0.375	14.744	0.206	14.759	0.288	14.777	0.309	14.796	0.309
11.446	0.099	11.459	-0.012	11.480	-0.082	11.500	-0.043	14.819	0.277	14.838	0.326	14.853	0.464	14.870	0.548
11.509	-0.043	11.526	-0.140	11.541	-0.258	11.557	-0.328	14.886	0.583	14.900	0.529	14.914	0.475	14.931	0.545
11.572	-0.213	11.593	-0.091	11.608	-0.242	11.618	-0.462	14.949	0.601	14.964	0.629	14.978	0.596	14.993	0.515
11.628	-0.531	11.645	-0.339	11.659	0.147	11.668	0.277	15.008	0.393	15.025	0.299	15.044	0.225	15.066	0.104
11.685	0.201	11.698	-0.122	11.708	-0.245	11.724	0.008	15.085	-0.031	15.108	-0.145	15.126	-0.239	15.146	-0.231
11.734	0.845	11.756	0.974	11.773	1.158	11.791	1.322	15.165	-0.194	15.183	-0.097	15.196	-0.054	15.209	-0.143
11.813	1.177	11.837	-0.072	11.857	1.293	11.866	-1.471	15.227	-0.232	15.244	-0.265	15.265	-0.182	15.283	-0.079
11.879	-1.335	11.892	-0.972	11.898	-0.588	11.914	-0.232	15.295	-0.010	15.307	-0.064	15.324	-0.180	15.340	-0.214
12.034	-0.049	12.031	-0.064	12.049	0.443	12.065	0.690	15.359	-0.186	15.380	-0.124	15.394	0.034	15.408	0.191
12.077	0.621	12.091	0.381	12.096	0.347	12.108	0.422	15.492	0.214	15.514	0.295	15.525	0.342	15.535	0.369
12.119	0.668	12.141	0.785	12.157	0.716	12.166	0.606	15.546	-0.272	15.557	0.128	15.569	-0.065	15.583	-0.114
12.174	0.558	12.193	0.537	12.210	0.475	12.224	0.393	15.595	-0.053	15.609	0.070	15.625	0.125	15.646	0.104
12.235	0.317	12.246	0.276	12.249	0.345	12.263	0.276	15.668	0.117	15.683	0.103	15.696	0.082	15.711	0.116
12.268	-0.378	12.287	0.270	12.299	0.180	12.315	-0.162	15.723	0.163	15.734	0.184	15.745	0.149	15.758	0.107
12.328	-0.335	12.335	-0.471	12.346	-0.416	12.363	-0.080	15.774	0.148	15.787	0.223	15.800	0.251	15.810	0.197
12.379	0.043	12.392	-0.073	12.407	-0.376	12.420	-0.534	15.824	0.060	15.835	-0.069	15.844	-0.117	15.858	-0.068
12.439	-0.322	12.453	0.316	12.463	0.473	12.476	0.384	15.871	0.083	15.884	0.125	15.893	0.091	15.907	-0.100
12.527	-0.523	12.545	-0.688	12.562	-0.537	12.577	-0.353	15.920	-0.250	15.938	-0.373	15.955	-0.351	15.974	-0.302
12.588	-0.277	12.616	-0.462	12.628	-0.386	12.655	-0.118	15.996	-0.301	16.013	-0.286	16.029	-0.210	16.054	-0.160
12.670	-0.015	12.689	-0.097	12.705	-0.192	12.724	-0.260	16.067	-0.159	16.085	-0.213	16.096	-0.267	16.107	-0.280
12.765	-0.527	12.783	-0.622	12.795	-0.697	12.814	-0.587	16.124	-0.237	16.142	-0.140	16.158	-0.091	16.176	-0.145
12.830	-0.421	12.841	-0.202	12.850	0.011	12.859	0.252	16.191	-0.233	16.205	-0.342	16.220	-0.409	16.236	-0.429
12.869	0.382	12.878	0.438	12.895	0.322	12.911	0.254	16.252	-0.373	16.266	-0.276	16.283	-0.233	16.303	-0.253
12.925	0.200	12.945	0.228	12.962	0.037	12.989	0.127	16.322	-0.203	16.340	-0.106	16.357	0.025	16.372	0.150
13.006	-0.100	13.022	-0.059	13.037	-0.155	13.062	-0.348	16.388	0.178	16.402	0.125	16.421	0.030	16.439	-0.065
13.078	-0.389	13.098	-0.383	13.114	-0.445	13.129	-0.473	16.453	-0.153	16.469	-0.179	16.490	-0.150	16.510	-0.066
13.143	-0.336	13.152	-0.227	13.167	-0.020	13.185	-0.040	16.525	-0.024	16.537	-0.091	16.549	-0.221	16.563	-0.350
13.197	0.081	13.215	0.128	13.232	0.100	13.242	-0.024	16.579	-0.410	16.594	-0.382	16.616	-0.346	16.634	-0.365
13.252	-0.106	13.267	-0.162	13.279	-0.066	13.322	0.289	16.654	-0.425	16.670	-0.499	16.685	-0.545	16.699	-0.510
13.334	0.433	13.357	0.569	13.357	0.631	13.369	0.569	16.711	-0.454	16.724	-0.425	16.743	-0.458	16.760	-0.484
13.393	0.451	13.396	0.321	13.408	0.231	13.415	0.190	16.775	-0.448	16.794	-0.344	16.810	-0.254	16.824	-0.198
13.426	0.259	13.436	0.334	13.444	0.368	13.453	0.320	16.846	-0.135	16.864	-0.175	16.880	-0.228	16.901	-0.309
13.463	0.196	13.472	0.107	13.481	0.072	13.492	0.113	16.917	-0.267	16.931	-0.156	16.948	-0.059	16.959	-0.106
13.500	0.175	13.511	0.216	13.524	0.154	13.538	0.072	16.970	-0.257	16.982	-0.427	17.000	-0.515	17.013	-0.501
13.560	0.003	13.577	0.023	13.590	0.091	13.600	0.153	17.030	-0.425	17.045	-0.363	17.059	-0.287	17.076	-0.252
13.610	0.180	13.622	0.119	13.632	-0.012	13.642	-0.183	17.091	-0.286	17.103	-0.130	17.118	-0.264	17.130	-0.168
13.657	-0.382	13.668	-0.505	13.683	-0.547	13.696	-0.512	17.148	-0.085	17.161	-0.133	17.179	-0.242	17.199	-0.303

17.215	-0.254	17.237	-0.151	17.253	-0.109	17.266	-0.075	21.295	-0.018	21.313	0.016	21.333	-0.025	21.353	-0.114
17.285	-0.143	17.305	-0.184	17.325	-0.204	17.343	-0.196	21.368	-0.155	21.388	-0.149	21.405	-0.108	21.427	-0.149
17.362	-0.114	17.376	-0.010	17.390	0.024	17.409	-0.016	21.442	-0.204	21.462	-0.232	21.485	-0.225	21.506	-0.184
17.418	-0.057	17.435	-0.077	17.453	-0.049	17.473	0.048	21.526	-0.143	21.546	-0.130	21.564	-0.143	21.587	-0.137
17.492	0.206	17.515	0.310	17.530	0.255	17.544	0.119	21.610	-0.151	21.626	-0.171	21.646	-0.096	21.665	0.0
17.555	-0.039	17.564	-0.093	17.579	-0.038	17.588	0.059	21.682	0.020	21.705	0.087	21.728	0.027	21.751	-0.028
17.600	0.162	17.619	0.196	17.632	0.169	17.653	0.115	21.765	-0.070	21.789	-0.063	21.808	-0.139	21.823	-0.200
17.675	0.102	17.698	0.082	17.720	0.014	17.742	0.001	21.844	-0.248	21.866	-0.200	21.886	-0.152	21.910	-0.145
17.763	0.008	17.773	-0.033	17.790	-0.073	17.806	-0.011	21.926	-0.077	21.944	-0.008	21.962	-0.047	21.982	0.005
17.818	0.140	17.833	0.277	17.850	0.339	17.874	0.360	22.001	-0.015	22.024	-0.056	22.046	-0.151	22.066	-0.185
17.893	0.629	17.912	0.505	17.936	0.560	17.956	0.540	22.088	-0.144	22.106	-0.068	22.125	-0.075	22.146	-0.074
17.974	0.465	17.990	0.355	18.004	0.232	18.021	0.150	22.162	-0.019	22.179	0.016	22.199	-0.032	22.218	-0.087
18.042	0.074	18.061	0.013	18.081	0.068	18.099	0.157	22.240	-0.115	22.259	-0.156	22.278	-0.128	22.298	-0.073
18.115	0.219	18.135	0.206	18.154	0.213	18.170	0.240	22.312	-0.108	22.333	-0.142	22.351	-0.101	22.369	-0.005
18.189	0.240	18.210	0.192	18.226	0.123	18.243	0.054	22.393	0.057	22.411	0.030	22.432	-0.026	22.455	-0.088
18.260	0.116	18.281	0.177	18.298	0.225	18.313	0.190	22.474	-0.006	22.492	0.036	22.512	-0.015	22.530	-0.068
18.347	0.121	18.355	0.066	18.379	0.018	18.399	0.058	22.544	-0.102	22.557	-0.061	22.573	0.042	22.593	0.083
18.415	0.126	18.429	0.146	18.446	0.104	18.466	0.055	22.614	0.063	22.633	0.008	22.653	-0.067	22.676	-0.114
18.484	0.103	18.501	0.198	18.519	0.259	18.537	0.237	22.698	-0.113	22.719	-0.044	22.737	0.011	22.755	0.046
18.551	0.113	18.575	0.044	18.597	0.050	18.617	0.056	22.780	0.033	22.798	0.109	22.818	0.192	22.835	0.220
18.642	0.006	18.660	0.012	18.678	0.066	18.699	0.099	22.856	0.193	22.875	0.098	22.894	0.057	22.915	0.044
18.719	0.112	18.740	0.138	18.763	0.171	18.786	0.163	22.936	0.004	22.956	-0.009	22.976	-0.043	22.992	-0.118
18.808	0.114	18.827	0.058	18.844	0.058	18.863	0.070	23.005	-0.159	23.022	-0.125	23.036	-0.043	23.052	0.060
18.866	-0.058	18.883	0.009	18.897	0.022	19.008	-0.012	23.074	0.094	23.096	0.114	23.113	0.100	23.132	0.121
19.020	-0.061	19.036	-0.075	19.054	-0.028	19.073	0.026	23.154	0.196	23.168	0.223	23.182	0.203	23.205	0.161
19.090	0.053	19.110	0.024	19.129	0.044	19.144	0.085	23.223	0.120	23.242	0.085	23.265	-0.077	23.286	-0.111
19.163	0.125	19.178	0.165	19.195	0.199	19.209	0.171	23.307	0.090	23.324	0.075	23.333	-0.055	23.346	-0.083
19.228	0.081	19.241	0.089	19.261	0.073	19.283	0.062	23.360	-0.055	23.374	0.067	23.387	0.108	23.398	0.142
19.301	0.016	19.318	-0.012	19.338	0.015	19.358	0.065	23.412	0.094	23.423	0.060	23.434	0.121	23.451	0.210
19.376	0.109	19.396	0.129	19.415	0.162	19.429	0.134	23.466	0.258	23.482	0.230	23.501	0.168	23.519	0.113
19.447	0.058	19.462	0.030	19.478	0.063	19.494	0.083	23.540	0.051	23.553	0.016	23.575	-0.005	23.598	-0.019
19.511	0.014	19.529	-0.096	19.547	-0.221	19.562	-0.276	23.618	-0.033	23.637	-0.074	23.658	-0.075	23.672	-0.054
19.584	-0.250	19.603	-0.182	19.620	-0.114	19.639	-0.066	23.693	-0.083	23.716	-0.075	23.733	-0.048	23.749	-0.035
19.661	-0.095	19.681	-0.116	19.698	-0.082	19.714	-0.021	23.763	-0.083	23.784	-0.063	23.804	-0.022	23.826	-0.022
19.730	0.319	19.745	0.019	19.761	-0.146	19.777	-0.070	23.846	-0.022	23.867	-0.022	23.884	-0.022	23.903	0.005
19.791	0.810	19.810	-0.271	19.830	-0.210	19.851	-0.163	23.923	-0.049	23.946	-0.091	23.969	-0.118	23.987	-0.091
19.867	-0.163	19.888	-0.164	19.907	-0.103	19.921	-0.083	24.005	-0.042	24.027	0.0	24.051	-0.006	24.069	-0.073
19.945	-0.091	19.964	-0.016	19.983	0.066	19.999	0.017	24.086	-0.114	24.107	-0.044	24.117	0.018	24.133	0.039
20.021	-0.079	20.041	-0.100	20.066	-0.100	20.090	0.009	24.152	0.019	24.175	0.0	24.192	0.028	24.211	0.049
20.110	0.057	20.127	0.008	20.147	-0.095	20.164	-0.157	24.234	-0.012	24.255	-0.031	24.279	-0.030	24.298	0.005
20.186	-0.109	20.205	0.0	20.228	0.076	20.248	0.042	24.320	0.026	24.338	-0.021	24.355	-0.089	24.375	-0.115
20.266	-0.074	20.282	-0.136	20.306	-0.163	20.329	-0.188	24.394	-0.080	24.414	-0.032	24.430	-0.018	24.453	-0.045
20.350	-0.101	20.372	0.022	20.394	0.126	20.416	0.188	24.474	-0.024	24.492	0.004	24.513	-0.030	24.540	-0.071
20.432	0.161	20.446	0.113	20.465	0.148	20.487	0.183	24.561	-0.105	24.581	-0.125	24.604	-0.090	24.622	-0.124
20.506	0.149	20.525	0.054	20.543	-0.001	20.564	0.0	24.641	-0.172	24.667	-0.124	24.688	-0.089	24.707	-0.068
20.589	-0.007	20.609	0.049	20.627	0.084	20.647	0.125	24.727	-0.013	24.744	0.036	24.765	0.070	24.782	0.098
20.667	0.174	20.683	0.154	20.702	0.113	20.721	0.161	24.805	0.043	24.828	0.023	24.850	0.044	24.869	0.058
20.738	0.196	20.750	0.155	20.766	0.067	20.784	-0.008	24.889	0.038	24.908	0.031	24.927	0.039	24.949	0.046
20.804	-0.042	20.827	-0.028	20.843	0.041	20.855	0.103	24.970	0.046	24.993	0.006	25.015	-0.049	25.041	-0.069
20.870	0.117	20.887	0.110	20.905	0.110	20.925	0.104	25.065	-0.082	25.085	-0.102	25.109	-0.049	25.127	-0.108
20.945	-0.104	20.967	0.098	20.986	0.050	21.000	-0.025	25.146	-0.018	25.165	0.072	25.190	0.059	25.212	-0.039
21.016	-0.066	21.036	-0.032	21.055	0.023	21.073	0.071	25.231	0.067	25.253	0.054	25.275	0.027	25.293	-0.006
21.094	0.120	21.106	0.147	21.124	0.106	21.143	0.003	25.315	0.015	25.333	0.111	25.351	0.208	25.365	0.236
21.153	-0.058	21.171	-0.086	21.186	-0.072	21.205	-0.024	25.379	-0.202	25.392	-0.093	25.406	-0.002	25.423	-0.050
21.221	-0.010	21.237	-0.058	21.258	-0.134	21.277	-0.093	25.447	-0.021	25.466	-0.007	25.485	0.070	25.504	0.139
								25.521	0.194	25.537	0.223	25.549	0.182	25.570	0.094

25.587	C.067	25.608	0.102	25.627	0.206	25.643	0.255	29.929	0.032	29.947	0.059	29.967	0.031	29.987	0.004
25.662	0.180	25.680	0.037	25.701	-0.024	25.726	-0.002	30.007	0.017	30.027	0.079	30.048	0.106	30.065	0.051
25.744	C.005	25.763	0.020	25.794	0.110	25.821	0.050	30.085	0.010	30.106	0.010	30.131	0.030	30.151	0.023
25.839	-0.011	25.857	-0.059	25.876	-0.017	25.892	0.080	30.169	-0.025	30.187	-0.080	30.208	-0.094	30.228	-0.094
25.915	-0.067	25.936	0.041	25.957	0.028	25.978	0.036	30.252	-0.087	30.270	-0.032	30.288	-0.032	30.311	-0.012
25.998	-0.005	26.017	-0.024	26.041	-0.010	26.067	-0.084	30.327	-0.005	30.346	-0.005	30.368	0.023	30.391	0.043
26.090	-0.056	26.114	-0.021	26.135	-0.041	26.154	-0.047	30.410	0.023	30.428	-0.025	30.448	-0.059	30.468	-0.086
26.173	0.022	26.192	0.071	26.211	0.050	26.236	0.009	30.487	-0.113	30.507	-0.127	30.530	-0.112	30.549	-0.023
26.255	0.016	26.274	-0.019	26.294	-0.053	26.313	-0.005	30.580	-0.050	30.596	-0.104	30.612	-0.145	30.629	-0.171
26.327	0.036	26.341	0.050	26.359	0.016	26.380	0.019	30.651	-0.136	30.668	-0.081	30.691	-0.025	30.707	-0.039
26.402	0.009	26.419	0.022	26.443	0.035	26.462	0.035	30.751	-0.093	30.766	-0.009	30.789	-0.009	30.806	0.026
26.484	-0.034	26.506	-0.110	26.527	-0.083	26.545	-0.007	30.805	0.027	30.827	-0.006	30.827	-0.006	30.845	-0.053
26.568	0.054	26.588	0.033	26.607	-0.043	26.626	-0.105	30.869	-0.052	30.890	-0.002	30.912	-0.001	30.927	-0.014
26.638	-0.139	26.653	-0.153	26.667	-0.139	26.678	-0.105	30.945	-0.026	30.967	-0.039	30.988	-0.051	30.999	-0.037
26.688	-0.071	26.705	-0.023	26.721	-0.030	26.732	-0.057	31.031	0.005	31.055	0.019	31.072	0.020	31.089	0.027
26.766	-0.044	26.768	0.031	26.786	0.024	26.805	0.004	31.110	0.021	31.130	0.021	31.151	0.076	31.169	0.111
26.821	-0.024	26.844	-0.052	26.865	-0.052	26.888	0.009	31.187	0.084	31.206	0.022	31.221	-0.033	31.231	-0.046
26.909	-0.026	26.934	-0.067	26.948	-0.054	26.972	0.007	31.251	-0.005	31.270	0.077	31.283	0.084	31.295	0.049
26.992	-0.020	27.006	-0.042	27.031	-0.015	27.050	0.025	31.309	0.001	31.323	-0.033	31.349	-0.006	31.367	0.001
27.068	0.044	27.087	-0.005	27.097	-0.081	27.110	-0.116	31.391	-0.020	31.410	-0.026	31.426	-0.019	31.450	0.009
27.126	-0.123	27.150	-0.118	27.172	-0.160	27.190	-0.161	31.471	0.031	31.491	0.045	31.511	0.018	31.530	-0.022
27.213	-C.080	27.232	-0.074	27.249	-0.061	27.271	-0.028	31.549	-0.049	31.568	-0.062	31.589	-0.041	31.613	-0.005
27.295	-0.036	27.306	-0.057	27.326	-0.072	27.346	-0.073	31.634	-0.024	31.649	-0.037	31.670	-0.015	31.691	-0.006
27.367	C.002	27.386	0.097	27.414	0.150	27.429	0.129	31.709	0.035	31.725	0.022	31.745	0.016	31.769	0.004
27.449	0.039	27.467	0.010	27.489	0.038	27.507	-0.039	31.790	-0.008	31.815	-0.035	31.832	-0.041	31.850	-0.013
27.531	-0.033	27.547	-0.048	27.564	-0.062	27.583	-0.008	31.870	0.036	31.887	0.057	31.907	0.044	31.927	0.044
27.601	-0.002	27.619	-0.031	27.630	-0.031	27.649	0.029	31.951	0.066	31.968	0.087	31.990	0.115	32.014	0.143
27.669	0.049	27.688	-0.021	27.706	-0.125	27.728	-0.140	32.034	0.144	32.051	0.117	32.064	0.117	32.074	0.152
27.757	-0.121	27.770	-0.122	27.792	-0.096	27.812	-0.056	32.087	0.186	32.103	0.187	32.127	0.105	32.147	0.037
27.827	0.043	27.850	-0.010	27.868	0.024	27.889	0.043	32.168	0.010	32.190	0.011	32.210	0.032	32.230	0.039
27.910	0.008	27.929	-0.027	27.950	-0.035	27.969	-0.064	32.253	0.053	32.268	0.047	32.295	0.068	32.311	0.110
27.989	-0.078	28.007	0.010	28.021	0.078	28.033	0.106	32.327	0.110	32.344	0.056	32.355	0.022	32.372	0.050
28.046	0.078	28.060	-0.019	28.071	-0.087	28.086	-0.129	32.391	0.064	32.412	0.030	32.432	0.016	32.449	0.016
28.108	-0.040	28.129	0.007	28.146	-0.021	28.166	-0.090	32.470	0.003	32.487	0.003	32.501	0.003	32.523	-0.038
28.187	-0.132	28.205	-0.125	28.230	-0.112	28.251	-0.072	32.542	-0.079	32.566	-0.092	32.590	-0.065	32.612	-0.010
28.268	-0.045	28.289	-0.079	28.310	-0.094	28.324	-0.087	32.634	0.045	32.659	0.059	32.693	0.059	32.708	0.066
28.350	0.067	28.368	-0.006	28.393	0.048	28.408	0.020	32.727	0.032	32.746	-0.009	32.765	-0.015	32.786	-0.015
28.425	-0.001	28.446	0.039	28.466	0.066	28.491	0.058	32.805	-0.015	32.827	-0.022	32.845	-0.021	32.866	-0.056
28.510	0.023	28.528	0.049	28.548	0.055	28.562	0.055	32.886	-0.076	32.909	-0.090	32.928	-0.096	32.949	-0.055
28.582	C.054	28.599	0.053	28.617	0.052	28.634	0.052	32.968	-0.014	32.984	0.0	33.004	-0.041	33.020	-0.061
28.650	C.037	28.670	-0.053	28.689	-0.006	28.706	0.007	33.041	-0.061	33.052	-0.040	33.066	-0.020	33.090	-0.047
28.727	C.020	28.750	0.012	28.768	0.025	28.786	0.086	33.109	-0.095	33.130	-0.129	33.148	-0.135	33.165	-0.142
28.804	0.168	28.830	0.161	28.849	0.127	28.876	0.161	33.192	-0.142	33.212	-0.114	33.229	-0.114	33.249	-0.100
28.889	0.168	28.909	0.126	28.929	0.044	28.948	0.064	33.267	-0.066	33.287	-0.059	33.306	-0.072	33.326	-0.072
28.966	0.071	28.989	0.071	29.008	0.071	29.028	0.071	33.346	-0.031	33.367	0.010	33.387	0.011	33.400	0.011
29.048	0.071	29.068	0.043	29.085	0.023	29.108	0.023	33.416	0.011	33.430	-0.017	33.448	-0.044	33.465	-0.044
29.132	0.036	29.155	0.057	29.173	0.098	29.185	0.091	33.487	-0.024	33.508	0.017	33.527	0.038	33.547	-0.017
29.209	0.029	29.230	0.015	29.248	0.035	29.270	0.0	33.566	-0.031	33.589	0.011	33.604	0.031	33.629	-0.004
29.295	-0.042	29.312	-0.049	29.328	-0.029	29.347	-0.036	33.645	-0.044	33.665	-0.079	33.687	-0.065	33.711	-0.058
29.370	-C.016	29.395	0.010	29.416	-0.045	29.433	-0.073	33.729	-0.092	33.754	-0.099	33.773	-0.079	33.792	-0.065
29.448	-0.074	29.464	-0.067	29.488	-0.075	29.510	-0.041	33.813	-0.059	33.834	-0.059	33.863	-0.088	33.887	-0.068
29.528	-0.015	29.550	-0.015	29.566	-0.023	29.588	-0.044	33.907	-0.055	33.928	-0.070	33.948	-0.084	33.968	-0.105
29.609	-C.045	29.629	-0.066	29.648	-0.073	29.670	-0.019	34.013	-0.133	34.013	-0.100	34.044	-0.109	34.070	-0.104
29.688	C.008	29.705	0.008	29.727	-0.013	29.747	-0.041	34.088	-0.071	34.109	-0.045	34.129	-0.046	34.149	-0.040
29.767	-0.069	29.794	-0.077	29.811	-0.050	29.830	-0.050	34.179	-0.008	34.203	-0.002	34.228	-0.017	34.252	-0.052
29.846	-0.070	29.869	-0.105	29.893	-0.105	29.910	-0.044	34.273	-0.060	34.303	-0.054	34.327	-0.048	34.346	-0.049

34.367	-0.057	34.388	-0.058	34.407	-0.059	34.426	-0.059
34.447	-0.006	34.466	0.001	34.488	-0.021	34.508	-0.063
34.526	-0.077	34.546	-0.078	34.567	-0.079	34.592	-0.053
34.614	0.001	34.633	0.006	34.645	0.013	34.665	0.004
34.685	-0.038	34.707	-0.067	34.730	-0.034	34.748	-0.014
34.766	-0.015	34.785	-0.030	34.803	-0.031	34.822	-0.026
34.834	-0.027	34.849	0.027	34.869	0.060	34.886	0.059
34.905	0.023	34.924	0.022	34.946	0.034	34.968	0.026
34.992	0.004	35.010	0.003	35.040	-0.013	35.068	-0.028
35.087	-0.023	35.110	-0.010	35.128	-0.059	35.146	-0.108
35.168	-0.096	35.188	-0.063	35.204	-0.077	35.229	-0.085
35.247	-0.086	35.267	-0.032	35.286	-0.012	35.306	-0.020
35.327	-0.042	35.344	-0.056	35.364	-0.050	35.383	-0.058
35.400	-0.058	35.420	-0.059	35.433	-0.067	35.445	-0.068
35.467	-0.048	35.488	-0.022	35.510	-0.009	35.526	-0.017
35.554	0.030	35.575	0.042	35.598	0.027	35.624	0.046
35.642	0.045	35.667	0.029	35.684	0.014	35.707	-0.008
35.730	-0.016	35.754	0.017	35.773	0.015	35.791	0.014
35.806	0.014	35.828	0.020	35.852	0.047	35.869	0.053
35.888	0.053	35.910	0.025	35.929	-0.003	35.945	-0.017
35.969	-0.018	35.989	-0.005	36.011	0.043	36.034	0.044
36.052	0.023	36.069	0.016	36.090	0.037	36.111	0.051
36.130	0.044	36.154	0.038	36.170	0.017	36.194	-0.031
36.220	-0.003	36.237	0.003	36.250	0.003	36.270	0.003
36.296	0.023	36.309	0.023	36.335	0.023	36.352	0.043
36.362	0.050	36.370	0.050	36.375	0.043		

IR253

71.200 2/9/71 0600PST 535 S. FREMONT AVENUE, BASEMENT, LOS ANGELES, CAL. UP

2695 POINTS 36.369 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.1312 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.157	0.008	0.139	0.015	0.126	0.021	0.099	1.237	0.080	1.246	0.139	1.252	0.192	1.259	0.228				
0.026	0.063	0.032	0.023	0.036	-0.030	0.041	-0.057	1.267	0.197	1.275	0.086	1.280	0.015	1.284	-0.012				
0.047	-0.097	0.052	-0.111	0.057	-0.129	0.062	-0.142	1.293	-0.012	1.303	0.038	1.308	0.051	1.316	0.038				
0.068	-0.133	0.076	-0.111	0.081	-0.075	0.087	-0.044	1.322	0.011	1.331	0.043	1.339	0.061	1.349	0.079				
0.090	-0.008	0.095	0.027	0.099	0.063	0.104	0.081	1.360	0.062	1.372	-0.005	1.379	-0.036	1.385	-0.071				
0.110	0.089	0.114	0.107	0.122	0.094	0.128	0.072	1.399	-0.080	1.410	-0.080	1.422	-0.084	1.433	-0.084				
0.133	0.049	0.136	0.022	0.144	-0.036	0.166	-0.076	1.443	-0.066	1.456	-0.062	1.465	-0.053	1.474	-0.030				
0.151	-0.098	0.156	-0.116	0.159	-0.129	0.166	-0.134	1.482	-0.012	1.491	-0.003	1.501	0.028	1.509	0.081				
0.175	-0.116	0.183	-0.089	0.190	-0.058	0.197	-0.009	1.516	0.108	1.526	0.091	1.529	0.068	1.537	0.055				
0.205	0.018	0.211	0.053	0.217	0.084	0.223	0.124	1.547	0.073	1.556	0.095	1.563	0.109	1.573	0.087				
0.228	0.151	0.234	0.173	0.241	0.165	0.249	0.129	1.581	0.051	1.589	0.007	1.595	-0.042	1.598	-0.069				
0.254	0.084	0.260	0.040	0.266	0.013	0.271	-0.018	1.608	-0.109	1.616	-0.104	1.623	-0.072	1.630	-0.050				
0.277	-0.032	0.285	-0.036	0.293	-0.036	0.301	-0.032	1.640	-0.090	1.652	-0.120	1.664	-0.138	1.674	-0.138				
0.309	-0.023	0.315	0.004	0.321	0.021	0.327	0.012	1.685	-0.133	1.692	-0.092	1.702	-0.061	1.711	0.002				
0.337	-0.010	0.348	-0.041	0.356	-0.059	0.364	-0.064	1.717	0.024	1.726	0.016	1.738	0.047	1.747	0.097				
0.370	-0.081	0.375	-0.113	0.379	-0.148	0.384	-0.188	1.760	0.137	1.773	0.142	1.785	-0.008	1.828	-0.008				
0.387	-0.229	0.391	-0.251	0.398	-0.237	0.403	-0.201	1.800	0.081	1.807	0.018	1.815	-0.008	1.854	-0.109				
0.431	0.009	0.441	0.045	0.450	0.063	0.455	0.085	1.835	-0.012	1.843	-0.052	1.849	-0.083	1.854	-0.109				
0.462	0.103	0.466	0.121	0.475	0.126	0.483	0.113	1.866	-0.064	1.873	-0.020	1.880	0.012	1.890	-0.014				
0.493	0.073	0.498	0.033	0.504	0.007	0.511	-0.020	1.901	-0.050	1.912	-0.090	1.921	-0.107	1.931	-0.080				
0.522	-0.020	0.528	-0.028	0.537	-0.050	0.549	-0.068	1.944	0.005	1.954	0.050	1.964	0.059	1.975	0.064				
0.559	-0.081	0.571	-0.099	0.582	-0.094	0.595	-0.066	1.991	-0.038	2.022	-0.078	2.026	-0.060	2.041	-0.109				
0.605	-0.044	0.613	-0.012	0.623	0.047	0.633	0.092	2.052	-0.123	2.063	-0.056	2.079	0.015	2.093	0.038				
0.646	0.106	0.657	0.093	0.667	0.085	0.673	0.054	2.107	0.065	2.119	0.033	2.133	-0.025	2.142	-0.007				
0.679	0.006	0.685	-0.030	0.696	0.011	0.704	0.074	2.155	0.011	2.168	0.069	2.178	0.069	2.189	0.033				
0.709	0.119	0.715	0.164	0.726	0.151	0.735	0.134	2.204	0.002	2.224	-0.011	2.235	-0.025	2.250	0.024				
0.744	0.068	0.750	0.005	0.756	-0.039	0.762	-0.078	2.268	0.065	2.312	0.024	2.319	-0.011	2.326	-0.029				
0.773	-0.064	0.784	-0.037	0.798	-0.014	0.811	-0.004	2.306	0.069	2.340	0.082	2.347	0.163	2.353	0.221				
0.817	0.032	0.824	0.064	0.830	0.082	0.839	0.060	2.333	-0.002	2.362	-0.003	2.369	0.145	2.376	0.056				
0.846	0.020	0.854	-0.028	0.861	-0.055	0.874	-0.067	2.358	-0.043	2.400	-0.052	2.413	-0.079	2.422	-0.105				
0.888	-0.057	0.900	-0.034	0.911	-0.007	0.921	0.025	2.388	-0.002	2.446	-0.039	2.458	-0.008	2.469	0.010				
0.934	0.012	0.943	-0.014	0.950	-0.054	0.957	-0.080	2.433	-0.070	2.484	0.143	2.493	0.250	2.504	0.187				
0.968	-0.044	0.978	-0.007	0.989	-0.016	0.999	0.007	2.477	0.081	2.513	0.071	2.531	-0.040	2.542	-0.005				
1.013	0.057	1.019	0.075	1.025	0.049	1.030	0.018	2.555	-0.044	2.566	0.106	2.575	0.057	2.585	-0.046				
1.034	-0.013	1.041	-0.022	1.051	-0.021	1.058	-0.030	2.594	-0.104	2.605	-0.122	2.619	-0.087	2.626	-0.025				
1.063	-0.065	1.069	-0.136	1.077	-0.172	1.087	-0.162	2.637	0.046	2.681	0.103	2.692	0.249	2.722	0.150				
1.099	-0.117	1.109	-0.090	1.119	-0.103	1.133	-0.124	2.692	0.223	2.705	0.289	2.712	0.249	2.722	0.150				
1.153	-0.052	1.161	0.029	1.172	0.123	1.182	0.177	2.692	0.223	2.705	0.289	2.712	0.249	2.722	0.150				
1.193	0.133	1.206	0.093	1.216	0.075	1.228	0.067	2.730	0.061	2.737	0.029	2.745	0.007	2.754	-0.020				

2.761	-0.061	2.770	-0.110	2.777	-0.074	2.784	-0.035	4.612	-0.477	4.618	-0.495	4.627	-0.442	4.637	-0.358
2.792	-0.012	2.799	-0.044	2.806	-0.088	2.815	-0.129	4.643	-0.233	4.650	-0.158	4.655	-0.091	4.662	-0.047
2.825	-0.111	2.832	-0.084	2.843	0.005	2.853	-0.004	4.671	-0.020	4.679	-0.047	4.688	-0.097	4.699	-0.128
2.866	-0.013	2.876	-0.022	2.886	0.049	2.896	0.067	4.712	-0.066	4.719	0.076	4.724	0.201	4.732	0.258
2.909	-0.049	2.919	-0.014	2.933	-0.068	2.941	-0.130	4.740	0.303	4.751	0.315	4.759	0.315	4.772	0.252
2.947	-0.161	2.957	-0.175	2.968	-0.135	2.977	-0.086	4.781	0.140	4.792	0.078	4.804	0.042	4.810	0.015
2.987	-0.046	2.999	-0.016	3.006	-0.046	3.017	-0.100	4.817	0.002	4.825	0.010	4.837	0.050	4.844	0.113
3.025	-0.140	3.033	-0.158	3.050	-0.127	3.062	-0.074	4.854	0.148	4.866	0.112	4.874	0.036	4.879	-0.062
3.069	-0.016	3.088	-0.068	3.104	0.006	3.115	-0.035	4.884	-0.142	4.891	-0.214	4.899	-0.249	4.911	-0.236
3.125	-0.075	3.131	-0.151	3.139	-0.213	3.148	-0.267	4.920	-0.174	4.925	-0.063	4.933	0.040	4.938	0.147
3.159	-0.272	3.169	-0.245	3.176	-0.196	3.184	-0.103	4.946	0.209	4.953	0.169	4.963	0.102	4.972	0.044
3.191	-0.045	3.198	-0.001	3.207	0.012	3.215	0.017	4.980	0.003	4.986	-0.077	4.991	-0.171	4.997	-0.269
3.227	0.025	3.236	0.078	3.246	0.136	3.252	0.180	5.001	-0.380	5.006	-0.478	5.015	-0.509	5.026	-0.478
3.260	-0.193	3.267	-0.153	3.277	-0.094	3.283	0.045	5.035	-0.424	5.042	-0.335	5.048	-0.219	5.052	-0.103
3.288	-0.004	3.298	-0.045	3.307	-0.009	3.316	0.026	5.058	0.021	5.063	0.120	5.073	0.124	5.079	0.115
3.321	0.075	3.330	0.128	3.338	0.092	3.344	0.034	5.086	0.146	5.098	0.182	5.104	0.147	5.112	0.089
3.349	-0.029	3.357	-0.118	3.363	-0.163	3.368	-0.194	5.118	0.049	5.129	0.142	5.136	0.231	5.142	0.263
3.375	-0.217	3.389	-0.151	3.399	-0.080	3.407	-0.040	5.156	0.254	5.170	0.263	5.183	0.187	5.195	0.045
3.416	0.018	3.424	0.062	3.431	0.106	3.439	0.137	5.202	-0.076	5.213	-0.160	5.224	-0.182	5.238	-0.200
3.447	0.159	3.455	0.185	3.464	0.212	3.473	0.180	5.246	-0.120	5.254	0.005	5.261	0.192	5.266	0.273
3.483	0.082	3.489	-0.030	3.495	-0.173	3.502	-0.267	5.277	0.317	5.288	0.268	5.302	0.202	5.314	0.180
3.512	-0.285	3.524	-0.263	3.535	-0.170	3.544	-0.081	5.322	0.086	5.333	-0.039	5.339	-0.141	5.348	-0.310
3.550	-0.014	3.558	-0.039	3.570	-0.038	3.579	0.051	5.361	-0.350	5.375	-0.221	5.384	-0.087	5.392	-0.011
3.586	-0.069	3.596	-0.007	3.601	-0.096	3.607	-0.172	5.400	0.020	5.409	-0.038	5.418	-0.114	5.426	-0.140
3.616	-0.222	3.625	-0.177	3.635	-0.084	3.643	-0.022	5.443	-0.123	5.458	-0.078	5.468	-0.025	5.478	0.140
3.651	0.049	3.658	0.120	3.663	0.178	3.670	0.245	5.487	0.345	5.501	0.430	5.509	0.345	5.523	0.136
3.680	-0.213	3.690	0.137	3.698	0.066	3.706	0.001	5.532	-0.025	5.539	-0.207	5.546	-0.346	5.554	-0.368
3.712	-0.082	3.717	-0.162	3.727	-0.234	3.737	-0.198	5.568	-0.203	5.580	-0.091	5.590	0.011	5.605	0.051
3.748	-0.056	3.758	0.029	3.768	0.135	3.775	0.224	5.617	0.046	5.629	0.033	5.641	0.001	5.648	-0.035
3.779	0.327	3.786	0.402	3.792	0.460	3.800	0.482	5.659	-0.075	5.673	-0.004	5.680	0.134	5.692	0.219
3.806	0.447	3.812	0.335	3.817	0.237	3.822	0.112	5.702	0.259	5.708	0.294	5.717	0.196	5.723	0.062
3.827	0.032	3.831	-0.040	3.839	-0.058	3.854	-0.031	5.732	-0.076	5.740	-0.143	5.750	-0.117	5.756	-0.103
3.864	-0.013	3.874	-0.004	3.883	0.040	3.888	0.085	5.762	-0.099	5.771	-0.126	5.778	-0.162	5.786	-0.193
3.894	0.111	3.902	0.147	3.910	0.080	3.917	-0.005	5.798	-0.158	5.806	-0.104	5.818	-0.033	5.824	-0.015
3.925	-0.085	3.931	-0.166	3.940	-0.197	3.949	-0.161	5.831	-0.002	5.840	-0.029	5.847	-0.083	5.852	-0.114
3.959	-0.077	3.967	-0.005	3.978	0.026	3.987	0.075	5.860	-0.137	5.868	-0.074	5.879	-0.006	5.885	0.050
3.998	0.101	4.009	0.106	4.018	0.106	4.029	0.079	5.895	0.028	5.906	-0.040	5.912	-0.129	5.917	-0.236
4.035	0.021	4.040	-0.032	4.048	-0.113	4.055	-0.184	5.924	-0.316	5.933	-0.352	5.943	-0.308	5.951	-0.201
4.061	-0.251	4.067	-0.286	4.075	-0.313	4.081	-0.331	5.957	-0.121	5.968	-0.068	5.979	-0.023	5.989	-0.003
4.091	-0.233	4.098	-0.171	4.103	-0.073	4.111	-0.006	5.995	0.065	6.004	0.141	6.011	0.181	6.018	0.203
4.118	0.048	4.125	0.017	4.134	-0.037	4.142	-0.099	6.030	0.180	6.039	0.144	6.047	0.095	6.056	0.010
4.152	-0.113	4.164	-0.077	4.177	-0.006	4.188	0.083	6.065	-0.075	6.068	-0.133	6.077	-0.178	6.091	-0.134
4.156	0.141	4.201	0.163	4.210	0.150	4.217	0.132	6.100	-0.067	6.113	-0.010	6.123	0.048	6.131	0.083
4.226	0.136	4.233	0.158	4.240	0.127	4.244	0.069	6.141	0.123	6.149	0.140	6.159	0.091	6.167	0.051
4.249	0.011	4.257	-0.043	4.262	-0.092	4.270	-0.136	6.177	0.015	6.184	0.041	6.192	0.099	6.198	0.121
4.277	-0.163	4.283	-0.137	4.291	-0.097	4.298	-0.034	6.214	0.018	6.214	0.018	6.220	-0.040	6.227	-0.080
4.303	0.006	4.311	0.037	4.320	0.050	4.331	0.036	6.238	-0.049	6.247	0.022	6.252	0.066	6.260	0.119
4.345	0.027	4.355	0.018	4.364	0.0	4.374	-0.045	6.271	0.083	6.280	-0.037	6.288	-0.176	6.298	-0.252
4.386	-0.058	4.397	-0.072	4.406	-0.086	4.416	-0.095	6.306	-0.305	6.314	-0.323	6.321	-0.257	6.332	-0.097
4.421	-0.015	4.427	0.061	4.431	0.159	4.434	0.225	6.341	0.117	6.345	0.206	6.354	0.246	6.367	0.161
4.439	0.274	4.443	0.296	4.450	0.269	4.455	0.202	6.375	0.045	6.383	0.0	6.389	-0.013	6.399	0.058
4.462	0.113	4.466	0.046	4.471	-0.021	4.478	-0.053	6.405	0.169	6.410	0.276	6.417	0.374	6.420	0.437
4.486	-0.080	4.492	-0.093	4.499	-0.058	4.506	-0.023	6.430	0.473	6.439	0.392	6.446	0.317	6.451	0.259
4.512	0.051	4.519	0.057	4.530	0.017	4.540	-0.024	6.456	0.196	6.471	0.493	6.481	0.290	6.493	0.183
4.551	-0.033	4.560	-0.043	4.571	-0.034	4.581	-0.048	6.505	0.005	6.514	-0.106	6.523	-0.124	6.529	-0.133
4.590	-0.133	4.595	-0.213	4.600	-0.329	4.607	-0.428	6.544	-0.084	6.551	-0.017	6.560	0.063	6.569	0.126

6.575	0.135	6.589	0.095	6.599	0.063	6.613	0.046	8.394	-0.052	8.400	-0.199	8.404	-0.270	8.414	-0.306
6.623	0.028	6.629	-0.003	6.640	-0.017	6.650	0.041	8.429	-0.256	8.440	-0.229	8.454	-0.220	8.465	-0.202
6.663	0.135	6.671	0.020	6.679	0.233	6.692	0.216	8.479	-0.219	8.493	-0.192	8.502	-0.116	8.513	0.049
6.704	0.118	6.709	0.060	6.712	-0.025	6.718	-0.105	8.523	0.237	8.537	0.335	8.545	0.309	8.552	0.188
6.726	-0.154	6.734	-0.199	6.742	-0.208	6.749	-0.225	8.559	0.104	8.563	0.055	8.573	0.015	8.583	0.082
6.756	-0.181	6.762	-0.105	6.769	-0.056	6.775	0.015	8.591	0.212	8.594	0.319	8.601	0.403	8.610	0.457
6.795	0.065	6.795	0.020	6.801	-0.025	6.807	-0.087	8.617	0.359	8.623	0.265	8.630	0.056	8.635	-0.105
6.812	-0.141	6.818	-0.177	6.823	-0.186	6.832	-0.159	8.644	-0.274	8.644	-0.390	8.648	-0.475	8.657	-0.519
6.841	-0.101	6.849	-0.039	6.859	-0.053	6.869	-0.062	8.664	-0.497	8.674	-0.319	8.680	-0.105	8.687	0.082
6.882	-0.031	6.893	-0.071	6.900	-0.102	6.910	-0.143	8.694	0.176	8.708	0.234	8.721	0.225	8.736	0.261
6.918	-0.169	6.925	-0.116	6.932	-0.032	6.939	0.071	8.746	0.292	8.758	0.310	8.774	0.296	8.782	0.274
6.943	0.133	6.953	0.160	6.964	0.088	6.974	0.035	8.791	0.198	8.803	0.162	8.812	0.194	8.821	0.274
6.982	-0.028	6.991	-0.037	7.000	0.034	7.009	0.217	8.829	0.287	8.840	0.229	8.845	0.127	8.849	0.020
7.018	0.355	7.029	0.467	7.037	0.533	7.046	0.565	8.860	-0.043	8.876	-0.083	8.888	-0.141	8.898	-0.221
7.055	0.529	7.063	0.457	7.071	0.382	7.079	0.319	8.906	-0.270	8.915	-0.337	8.920	-0.453	8.925	-0.569
7.085	0.248	7.093	0.185	7.101	0.047	7.107	-0.046	8.932	-0.676	8.938	-0.783	8.947	-0.855	8.961	-0.779
7.117	-0.118	7.129	-0.198	7.133	-0.274	7.140	-0.336	8.975	-0.650	8.985	-0.498	8.992	-0.356	8.998	-0.235
7.143	-0.368	7.152	-0.385	7.165	-0.341	7.177	-0.288	9.002	-0.155	9.013	-0.083	9.023	-0.150	9.030	-0.235
7.188	-0.198	7.193	-0.136	7.199	-0.069	7.207	-0.051	9.040	-0.337	9.053	-0.243	9.060	-0.074	9.065	0.109
7.218	-0.077	7.229	-0.113	7.236	-0.122	7.248	-0.090	9.073	0.292	9.079	0.461	9.090	0.510	9.103	0.439
7.257	-0.028	7.262	0.053	7.271	0.115	7.276	0.240	9.115	0.337	9.122	0.203	9.128	0.065	9.132	0.024
7.278	0.312	7.288	0.374	7.299	0.348	7.306	0.259	9.140	-0.073	9.150	-0.109	9.162	-0.059	9.172	0.016
7.319	0.161	7.331	0.072	7.341	0.050	7.350	0.001	9.179	-0.092	9.185	0.034	9.191	-0.041	9.199	-0.121
7.356	-0.039	7.363	-0.114	7.370	-0.163	7.377	-0.181	9.208	-0.157	9.217	-0.094	9.228	0.035	9.239	0.146
7.386	-0.185	7.397	-0.167	7.406	-0.082	7.413	0.008	9.252	0.289	9.259	0.387	9.269	0.459	9.280	0.374
7.422	0.075	7.429	0.111	7.439	0.138	7.449	0.151	9.289	0.201	9.297	0.067	9.307	-0.058	9.316	-0.178
7.460	0.138	7.469	0.085	7.476	0.045	7.482	-0.008	9.327	-0.191	9.339	-0.231	9.348	-0.218	9.352	-0.244
7.486	-0.039	7.496	-0.048	7.505	-0.025	7.513	0.006	9.362	-0.195	9.369	-0.102	9.375	0.005	9.382	0.059
7.521	0.078	7.521	0.078	7.524	0.118	7.533	0.163	9.398	-0.099	9.426	-0.360	9.436	-0.084	9.440	-0.195
7.544	0.132	7.555	0.070	7.562	0.004	7.572	-0.054	9.418	-0.284	9.426	-0.360	9.436	-0.084	9.440	-0.195
7.579	-0.134	7.585	-0.196	7.592	-0.223	7.601	-0.169	9.450	-0.102	9.459	0.068	9.465	0.148	9.473	0.188
7.613	-0.094	7.623	-0.036	7.630	0.018	7.637	0.045	9.481	0.108	9.488	-0.008	9.494	-0.066	9.499	-0.195
7.641	0.080	7.648	0.121	7.657	0.143	7.664	0.152	9.505	-0.311	9.510	-0.454	9.518	-0.529	9.524	-0.601
7.673	0.197	7.682	0.255	7.688	0.277	7.701	0.232	9.537	-0.632	9.548	-0.592	9.557	-0.422	9.564	-0.262
7.708	0.152	7.716	0.090	7.720	0.027	7.727	-0.022	9.575	-0.137	9.590	-0.106	9.604	-0.079	9.614	0.041
7.736	-0.044	7.744	-0.035	7.754	-0.004	7.761	-0.026	9.627	0.309	9.634	0.505	9.641	0.599	9.651	0.697
7.772	-0.030	7.785	0.059	7.794	0.126	7.804	0.147	9.657	0.737	9.670	0.644	9.678	0.532	9.684	0.394
7.811	0.196	7.819	0.245	7.825	0.316	7.831	0.369	9.691	0.278	9.702	0.176	9.712	0.069	9.721	-0.002
7.838	0.391	7.850	0.342	7.856	0.293	7.861	0.244	9.731	-0.069	9.740	-0.011	9.747	0.141	9.755	0.293
7.874	0.221	7.886	0.221	7.895	0.158	7.901	0.028	9.762	0.342	9.773	0.377	9.786	0.257	9.796	0.169
7.909	-0.079	7.922	-0.146	7.934	-0.213	7.944	-0.241	9.808	0.049	9.819	-0.085	9.830	-0.169	9.846	-0.244
7.948	-0.241	7.961	-0.214	7.968	-0.108	7.976	0.044	9.857	-0.324	9.869	-0.408	9.882	-0.435	9.900	-0.434
7.983	0.146	7.991	0.235	8.001	0.150	8.008	0.038	9.916	-0.411	9.931	-0.282	9.942	-0.045	9.954	0.187
8.016	-0.158	8.023	-0.274	8.029	-0.327	8.036	-0.354	9.965	0.352	9.982	0.447	9.993	0.402	10.001	0.282
8.044	-0.305	8.051	-0.207	8.058	-0.096	8.066	-0.029	10.008	0.185	10.012	0.073	10.020	-0.033	10.032	-0.118
8.076	-0.012	8.088	-0.016	8.099	-0.057	8.108	-0.177	10.047	-0.112	10.055	-0.179	10.063	-0.263	10.076	-0.281
8.115	-0.271	8.120	-0.382	8.131	-0.400	8.141	-0.343	10.083	-0.276	10.093	-0.311	10.105	-0.373	10.122	-0.257
8.149	-0.240	8.158	-0.142	8.165	-0.053	8.173	0.0	10.132	-0.114	10.140	-0.031	10.151	0.097	10.163	0.208
8.182	0.044	8.190	0.143	8.197	0.232	8.201	0.335	10.173	0.258	10.182	0.281	10.192	0.192	10.197	0.134
8.210	0.393	8.218	0.331	8.225	0.255	8.231	0.139	10.207	0.107	10.217	0.099	10.228	0.103	10.237	0.103
8.240	0.046	8.244	-0.048	8.245	-0.110	8.252	-0.145	10.252	-0.026	10.261	-0.186	10.264	-0.284	10.276	-0.351
8.261	-0.123	8.265	-0.078	8.271	-0.011	8.275	0.087	10.291	-0.350	10.299	-0.364	10.309	-0.457	10.316	-0.546
8.283	0.136	8.292	0.177	8.300	0.208	8.307	0.213	10.327	-0.604	10.340	-0.434	10.347	-0.140	10.356	0.021
8.313	0.177	8.322	0.102	8.327	0.031	8.337	-0.063	10.363	0.110	10.376	0.150	10.385	0.097	10.394	-0.032
8.338	-0.089	8.347	-0.054	8.354	0.076	8.359	0.205	10.400	-0.135	10.408	-0.255	10.416	-0.308	10.425	-0.330
8.364	0.317	8.374	0.362	8.380	0.273	8.387	0.121	10.436	-0.254	10.447	-0.121	10.453	-0.009	10.462	0.067

10.475	0.134	10.488	0.107	10.495	0.050	10.506	-0.021	13.390	-0.045	13.398	-0.143	13.408	-0.201	13.418	-0.156
10.513	-0.057	10.523	-0.070	10.543	-0.025	10.563	0.006	13.433	-0.094	13.450	-0.050	13.465	0.030	13.480	0.079
10.584	-0.060	10.596	-0.212	10.610	-0.314	10.618	-0.361	13.494	0.048	13.509	-0.024	13.521	-0.122	13.536	-0.251
10.632	-0.416	10.646	-0.362	10.664	-0.237	10.676	-0.201	13.549	0.323	13.567	-0.296	13.582	-0.288	13.598	-0.270
10.684	-0.183	10.697	-0.031	10.710	0.099	10.718	0.183	13.615	-0.185	13.635	-0.132	13.652	-0.163	13.666	-0.176
10.732	-0.224	10.741	-0.220	10.748	-0.153	10.756	0.064	13.678	-0.123	13.695	-0.029	13.706	0.033	13.715	0.051
10.765	-0.016	10.771	-0.105	10.785	-0.136	10.794	-0.074	13.723	0.038	13.740	-0.007	13.752	0.015	13.765	0.042
10.801	0.082	10.806	0.185	10.812	0.292	10.822	0.376	13.778	0.020	13.795	-0.034	13.807	-0.092	13.817	-0.176
10.836	0.256	10.845	0.158	10.855	0.078	10.869	0.051	13.829	-0.217	13.846	0.194	13.861	-0.123	13.877	-0.025
10.892	0.060	10.915	-0.029	10.936	-0.132	10.957	-0.216	13.886	0.046	13.896	0.064	13.909	0.033	13.920	0.016
10.971	-0.297	10.984	-0.390	10.993	-0.462	11.001	-0.502	13.934	-0.030	13.946	0.010	13.959	0.090	13.974	0.135
11.015	-0.261	11.031	0.041	11.034	0.144	11.052	0.371	13.987	0.090	14.000	0.041	14.015	0.080	14.027	0.123
11.062	0.081	11.086	0.174	11.104	0.271	11.123	0.253	14.035	0.244	14.040	0.275	14.052	0.235	14.062	0.182
11.136	0.213	11.151	0.137	11.174	0.216	11.188	0.318	14.076	-0.057	14.090	-0.057	14.116	-0.049	14.131	-0.094
11.196	0.380	11.205	0.429	11.230	0.410	11.239	0.409	14.142	-0.157	14.152	-0.184	14.167	-0.131	14.181	-0.073
11.254	0.306	11.268	0.230	11.280	0.189	11.296	0.175	14.194	-0.052	14.207	-0.079	14.223	-0.133	14.239	-0.094
11.309	0.161	11.323	0.178	11.340	0.217	11.356	0.132	14.253	-0.041	14.270	-0.028	14.288	-0.043	14.307	-0.075
11.369	0.051	11.385	0.023	11.406	0.049	11.423	0.088	14.330	-0.067	14.352	-0.090	14.366	-0.042	14.385	0.002
11.438	0.047	11.449	-0.016	11.459	-0.047	11.470	0.037	14.399	0.024	14.413	-0.025	14.430	-0.075	14.449	-0.067
11.482	0.121	11.495	0.196	11.513	0.182	11.525	0.177	14.469	-0.045	14.490	0.017	14.507	-0.006	14.527	-0.029
11.539	0.198	11.557	0.206	11.570	0.170	11.582	0.098	14.550	-0.051	14.569	-0.079	14.591	-0.075	14.611	-0.075
11.590	0.107	11.601	0.187	11.611	0.280	11.625	0.311	14.627	-0.133	14.640	-0.168	14.652	-0.128	14.670	0.001
11.635	0.302	11.651	0.221	11.656	0.092	11.676	0.163	14.689	0.086	14.700	0.117	14.715	0.104	14.731	0.144
11.692	0.180	11.701	0.211	11.711	0.109	11.723	-0.039	14.749	0.161	14.760	0.130	14.775	0.077	14.787	0.050
11.739	0.166	11.756	0.085	11.773	0.027	11.792	0.107	14.802	0.077	14.818	0.109	14.830	0.079	14.841	0.061
11.799	0.129	11.816	0.102	11.824	0.057	11.835	-0.028	14.855	0.089	14.877	0.125	14.896	0.108	14.918	0.118
11.847	-0.091	11.857	-0.131	11.869	-0.140	11.882	-0.109	14.934	0.159	14.956	0.205	14.972	0.237	14.983	0.259
11.896	0.020	11.906	0.149	11.915	0.215	11.926	0.237	14.997	0.225	15.016	0.163	15.036	0.076	15.052	0.023
11.945	0.215	11.960	0.206	11.968	0.161	11.979	0.004	15.069	0.029	15.093	-0.032	15.113	-0.008	15.132	0.029
11.988	-0.196	11.994	-0.343	12.004	-0.446	12.014	-0.304	15.149	0.052	15.167	0.071	15.185	0.050	15.205	0.046
12.027	-0.005	12.036	0.258	12.046	0.405	12.058	0.480	15.226	0.095	15.240	0.048	15.254	-0.024	15.271	-0.046
12.072	0.516	12.087	0.462	12.100	0.293	12.108	0.141	15.291	0.003	15.309	0.048	15.322	0.107	15.336	0.116
12.124	0.034	12.138	0.114	12.152	0.239	12.164	0.301	15.352	0.103	15.369	0.067	15.392	0.041	15.409	0.067
12.184	0.301	12.191	0.368	12.204	0.225	12.222	0.417	15.422	0.084	15.438	0.066	15.459	0.043	15.477	-0.007
12.226	-0.541	12.240	0.310	12.253	0.238	12.260	0.069	15.496	-0.061	15.514	-0.093	15.531	-0.067	15.550	-0.019
12.268	-0.047	12.277	-0.109	12.285	-0.185	12.304	-0.132	15.572	-0.046	15.594	-0.011	15.616	0.033	15.638	0.088
12.321	-0.256	12.339	-0.368	12.352	-0.435	12.370	-0.368	15.657	0.108	15.677	0.063	15.693	-0.035	15.704	-0.102
12.391	-0.243	12.403	-0.243	12.420	-0.110	12.438	0.126	15.717	-0.134	15.729	-0.116	15.745	-0.058	15.758	-0.036
12.452	-0.255	12.465	0.152	12.476	0.063	12.485	-0.013	15.771	-0.059	15.785	-0.086	15.802	-0.045	15.816	0.049
12.501	0.022	12.513	0.138	12.528	0.200	12.538	0.218	15.835	0.085	15.855	0.081	15.875	0.046	15.896	0.060
12.556	0.204	12.569	0.177	12.581	0.213	12.596	0.235	15.914	0.137	15.928	0.142	15.937	0.111	15.950	0.044
12.611	0.177	12.624	0.120	12.642	0.138	12.655	0.156	15.968	0.009	15.990	0.001	16.010	-0.007	16.027	0.012
12.676	0.080	12.690	0.014	12.707	0.010	12.730	-0.081	16.041	0.057	16.056	0.080	16.067	0.040	16.075	-0.013
12.741	-0.199	12.752	-0.270	12.770	-0.301	12.777	-0.301	16.088	-0.048	16.098	0.002	16.108	0.051	16.118	0.069
12.785	-0.323	12.802	-0.269	12.811	-0.202	12.820	-0.175	16.136	0.034	16.156	0.026	16.169	-0.018	16.184	-0.075
12.832	-0.170	12.843	-0.157	12.855	-0.161	12.866	-0.165	16.202	-0.052	16.217	-0.038	16.237	-0.019	16.258	0.080
12.878	-0.151	12.894	-0.120	12.908	-0.084	12.913	-0.070	16.276	0.139	16.296	0.104	16.316	0.078	16.338	0.039
12.924	-0.150	12.936	-0.266	12.947	-0.341	12.964	-0.394	16.359	0.058	16.373	0.085	16.395	0.046	16.416	0.056
12.973	-0.265	12.983	-0.113	12.989	0.003	12.997	0.079	16.437	0.044	16.458	0.054	16.475	0.032	16.495	0.015
13.006	0.105	13.027	0.083	13.045	0.069	13.060	0.024	16.517	-0.003	16.537	-0.058	16.556	-0.031	16.578	-0.016
13.077	0.024	13.088	0.019	13.099	-0.061	13.111	-0.119	16.600	-0.051	16.615	-0.068	16.632	-0.022	16.648	0.023
13.125	-0.151	13.144	-0.151	13.165	-0.142	13.185	-0.205	16.663	-0.034	16.676	-0.069	16.697	-0.018	16.715	0.076
13.208	-0.304	13.217	-0.340	13.237	-0.340	13.253	-0.323	16.736	0.144	16.753	0.114	16.769	0.079	16.789	0.076
13.264	-0.234	13.275	-0.140	13.284	-0.065	13.299	-0.083	16.807	0.019	16.822	-0.052	16.837	-0.091	16.857	-0.055
13.305	-0.101	13.310	-0.123	13.315	-0.141	13.330	-0.128	16.868	0.008	16.881	0.026	16.895	-0.013	16.913	-0.070
13.344	0.005	13.356	0.076	13.368	0.098	13.380	0.058	16.932	-0.087	16.954	-0.051	16.977	0.0	16.996	-0.018

17.015	-0.053	17.037	-0.066	17.054	-0.097	17.076	-0.061	21.077	-0.100	21.099	-0.086	21.121	-0.095	21.141	-0.091
17.095	-0.038	17.116	-0.055	17.134	-0.073	17.149	-0.045	21.157	-0.077	21.180	-0.064	21.198	-0.032	21.218	-0.015
17.165	-0.026	17.183	0.071	17.202	0.036	17.224	0.108	21.240	-0.024	21.257	-0.028	21.279	-0.033	21.295	-0.073
17.244	0.041	17.260	0.099	17.274	0.126	17.288	0.104	21.312	-0.127	21.333	-0.154	21.351	-0.045	21.369	-0.109
17.309	0.064	17.331	0.069	17.352	0.105	17.368	0.132	21.381	-0.074	21.398	-0.065	21.418	-0.052	21.437	-0.038
17.384	0.155	17.400	0.111	17.414	0.084	17.431	0.004	21.456	0.006	21.475	0.055	21.494	0.082	21.505	0.064
17.451	-0.009	17.472	-0.026	17.487	-0.040	17.502	-0.132	21.519	0.050	21.535	0.073	21.553	0.090	21.569	0.072
17.518	-0.128	17.534	-0.136	17.553	-0.140	17.575	-0.144	21.583	0.050	21.600	0.014	21.619	0.014	21.641	0.045
17.593	-0.157	17.617	-0.130	17.635	-0.103	17.655	-0.085	21.659	0.081	21.678	0.116	21.696	0.143	21.718	0.121
17.666	-0.111	17.686	-0.160	17.706	-0.164	17.727	-0.195	21.738	0.098	21.759	0.080	21.778	0.040	21.797	0.0
17.750	-0.172	17.768	-0.141	17.790	-0.136	17.808	-0.154	21.818	0.009	21.838	0.022	21.857	0.049	21.872	0.067
17.828	-0.145	17.847	-0.184	17.866	-0.238	17.879	-0.264	21.886	0.040	21.903	0.018	21.922	0.044	21.938	0.076
17.857	-0.228	17.914	-0.175	17.933	-0.157	17.956	-0.161	21.956	0.049	21.973	0.027	21.995	0.062	22.013	0.027
17.975	-0.183	17.992	-0.125	18.005	-0.062	18.016	-0.040	22.033	0.0	22.050	-0.022	22.066	0.001	22.083	0.046
18.036	-0.093	18.055	-0.142	18.074	-0.093	18.090	-0.049	22.095	0.077	22.116	0.090	22.138	0.095	22.158	0.109
18.103	-0.031	18.123	-0.057	18.138	-0.062	18.157	-0.084	22.177	0.091	22.197	0.047	22.216	0.038	22.235	0.033
18.174	-0.061	18.188	0.010	18.202	0.050	18.221	0.072	22.255	0.033	22.276	0.078	22.297	0.100	22.316	0.109
18.238	0.098	18.254	0.107	18.275	0.107	18.295	0.111	22.335	0.122	22.354	0.145	22.367	0.154	22.380	0.122
18.397	0.083	18.414	0.065	18.439	0.091	18.456	0.068	22.394	0.069	22.413	0.033	22.433	0.042	22.451	-0.003
18.475	0.041	18.493	0.067	18.518	0.093	18.539	0.084	22.465	-0.043	22.486	-0.070	22.504	-0.052	22.522	-0.016
18.560	0.061	18.580	0.038	18.601	0.024	18.619	-0.012	22.540	0.001	22.557	-0.026	22.577	-0.061	22.595	-0.079
18.639	-0.026	18.655	-0.058	18.669	-0.090	18.685	-0.068	22.617	-0.101	22.633	-0.132	22.647	-0.150	22.664	-0.127
18.695	-0.015	18.720	0.002	18.739	-0.021	18.756	-0.044	22.688	-0.095	22.706	-0.117	22.728	-0.144	22.747	-0.143
18.777	-0.035	18.789	-0.031	18.811	-0.063	18.831	-0.073	22.767	-0.125	22.784	-0.116	22.799	-0.151	22.818	-0.187
18.855	-0.127	18.876	-0.083	18.894	-0.013	18.914	0.036	22.837	-0.159	22.856	-0.137	22.875	-0.141	22.894	-0.154
18.930	0.022	18.941	-0.005	18.957	0.012	18.970	0.020	22.916	-0.175	22.936	-0.166	22.957	-0.139	22.974	-0.081
19.060	-0.040	19.079	0.053	19.087	0.115	19.096	0.137	22.986	-0.031	22.998	-0.014	23.015	-0.036	23.033	-0.058
19.113	0.106	19.124	0.087	19.140	0.118	19.158	0.149	23.052	-0.027	23.063	0.008	23.074	0.017	23.088	-0.001
19.182	0.126	19.202	0.125	19.220	0.129	19.237	0.102	23.107	-0.028	23.124	-0.014	23.147	0.035	23.167	0.052
19.256	0.137	19.274	0.217	19.291	0.257	19.311	0.203	23.186	0.083	23.204	0.114	23.225	0.123	23.244	0.132
19.327	0.153	19.349	0.117	19.373	0.089	19.396	0.098	23.267	0.149	23.285	0.131	23.300	0.095	23.318	0.059
19.419	0.124	19.440	0.101	19.457	0.060	19.479	0.051	23.336	0.085	23.356	0.121	23.374	0.103	23.390	0.027
19.498	0.041	19.517	0.010	19.538	0.0	19.558	0.026	23.407	-0.023	23.424	-0.001	23.443	0.048	23.465	0.070
19.578	0.070	19.597	0.039	19.618	0.060	19.636	0.073	23.485	0.075	23.509	0.065	23.528	0.087	23.546	0.141
19.658	0.037	19.679	0.032	19.701	0.019	19.720	0.058	23.563	0.167	23.578	0.127	23.595	0.015	23.613	-0.029
19.738	0.116	19.759	0.146	19.778	0.128	19.796	0.074	23.629	0.011	23.647	0.046	23.663	0.006	23.683	-0.057
19.816	0.038	19.838	-0.025	19.852	-0.114	19.868	-0.146	23.702	-0.088	23.721	-0.053	23.735	-0.008	23.754	0.045
19.890	-0.133	19.909	-0.138	19.932	-0.174	19.952	-0.170	23.769	0.018	23.788	-0.013	23.806	0.013	23.820	0.062
19.971	-0.152	19.986	-0.144	20.006	-0.171	20.030	-0.135	23.907	-0.031	23.929	-0.040	23.951	-0.027	23.969	0.0
20.049	-0.153	20.066	-0.185	20.082	-0.149	20.098	-0.083	23.989	0.009	24.006	0.014	24.032	0.037	24.050	0.015
20.114	-0.056	20.127	-0.087	20.139	-0.119	20.156	-0.137	24.067	-0.042	24.084	-0.060	24.105	-0.037	24.125	0.022
20.169	-0.115	20.185	-0.097	20.205	-0.137	20.223	-0.110	24.141	-0.005	24.166	-0.040	24.190	-0.039	24.212	-0.025
20.240	-0.074	20.256	-0.070	20.276	-0.052	20.295	-0.038	24.230	0.011	24.248	0.038	24.270	0.066	24.292	0.035
20.320	-0.034	20.339	-0.020	20.357	0.006	20.380	0.056	24.311	0.013	24.331	0.010	24.348	-0.008	24.368	-0.047
20.392	0.025	20.407	-0.006	20.422	0.029	20.436	0.056	24.391	-0.042	24.410	-0.033	24.431	-0.024	24.449	-0.011
20.457	0.039	20.479	0.030	20.498	0.049	20.517	0.071	24.469	-0.006	24.487	-0.019	24.506	-0.037	24.526	-0.050
20.534	0.054	20.556	0.032	20.576	0.045	20.594	0.104	24.548	-0.054	24.568	-0.040	24.588	-0.005	24.609	0.031
20.605	0.144	20.620	0.171	20.636	0.122	20.648	0.064	24.626	-0.004	24.646	-0.022	24.670	-0.044	24.689	-0.030
20.664	0.011	20.686	-0.002	20.710	-0.001	20.729	-0.023	24.714	0.024	24.738	0.006	24.758	0.006	24.778	0.002
20.749	-0.077	20.760	-0.130	20.771	-0.147	20.785	-0.116	24.799	0.007	24.817	0.007	24.836	0.007	24.856	-0.006
20.799	-0.053	20.819	-0.018	20.840	0.009	20.858	-0.004	24.876	-0.019	24.896	-0.037	24.917	-0.059	24.937	-0.063
20.870	-0.017	20.884	0.005	20.898	0.019	20.916	-0.003	24.957	-0.045	24.980	-0.045	25.002	-0.040	25.018	0.005
20.936	-0.021	20.959	-0.029	20.978	-0.029	20.994	-0.020	25.042	0.048	25.058	0.050	25.078	0.006	25.100	-0.020
21.007	-0.051	21.023	-0.091	21.036	-0.113	21.058	-0.104	25.117	-0.042	25.135	-0.060	25.156	-0.073	25.178	-0.095
								25.193	-0.104	25.210	-0.085	25.228	-0.045	25.244	-0.018

25.262	-0.022	25.285	0.001	25.305	-0.021	25.328	-0.038	29.458	-0.030	29.478	-0.026	29.497	-0.030	29.517	-0.031
25.348	-0.038	25.367	-0.051	25.387	-0.081	25.405	-0.072	29.538	-0.049	29.556	-0.067	29.574	-0.072	29.593	-0.064
25.423	-0.067	25.446	-0.066	25.464	-0.057	25.479	-0.043	29.606	-0.051	29.620	-0.046	29.641	-0.029	29.657	-0.025
25.496	-0.061	25.516	-0.056	25.533	-0.060	25.553	-0.081	29.675	-0.047	29.694	-0.061	29.718	-0.039	29.738	-0.030
25.516	-0.067	25.597	-0.018	25.615	-0.027	25.634	-0.041	29.757	-0.035	29.777	-0.045	29.792	-0.040	29.814	-0.009
25.651	C-028	25.674	0.007	25.693	-0.042	25.714	-0.072	29.833	-0.009	29.854	-0.018	29.878	-0.001	29.897	-0.026
25.737	-0.036	25.755	0.005	25.782	0.045	25.798	0.028	29.916	0.017	29.936	0.017	29.957	0.039	29.978	0.043
25.816	C-011	25.837	0.029	25.857	0.043	25.875	0.061	29.999	0.034	30.019	0.034	30.038	0.025	30.057	0.021
25.895	C-011	25.911	0.147	25.926	0.112	25.946	0.081	30.076	0.034	30.094	0.034	30.118	-0.006	30.137	-0.007
25.967	0.060	25.986	0.038	26.004	0.047	26.020	0.025	30.157	-0.002	30.179	0.016	30.196	0.024	30.218	0.033
26.036	0.026	26.053	0.021	26.075	0.040	26.099	0.018	30.240	-0.056	30.260	0.036	30.281	0.047	30.298	0.029
26.117	-0.010	26.136	0.019	26.155	0.015	26.180	0.024	30.315	0.011	30.336	0.007	30.358	-0.002	30.378	-0.002
26.200	-0.011	26.224	-0.016	26.249	-0.051	26.272	-0.092	30.403	0.002	30.419	0.002	30.439	0.025	30.457	0.043
26.288	-0.065	26.313	-0.038	26.333	-0.011	26.354	-0.020	30.480	0.034	30.499	0.012	30.519	0.013	30.537	0.022
26.379	-0.007	26.398	0.002	26.417	-0.043	26.435	-0.074	30.558	0.0	30.575	-0.005	30.597	-0.004	30.620	-0.039
26.457	-0.052	26.476	-0.017	26.497	-0.048	26.512	-0.062	30.639	-0.061	30.663	-0.030	30.677	-0.007	30.697	-0.020
26.528	-0.031	26.540	0.009	26.556	0.040	26.574	0.022	30.719	-0.015	30.738	-0.006	30.758	0.004	30.783	0.004
26.593	0.0	26.620	0.009	26.641	0.049	26.657	0.075	30.803	-0.008	30.822	-0.002	30.840	-0.002	30.861	-0.011
26.670	0.053	26.680	0.035	26.697	0.008	26.717	0.053	30.880	-0.014	30.902	-0.009	30.916	-0.008	30.936	-0.021
26.734	0.088	26.760	0.066	26.775	0.034	26.790	0.039	30.956	-0.029	30.977	-0.028	30.993	-0.014	31.010	-0.014
26.805	0.065	26.818	0.088	26.838	0.105	26.860	0.074	31.020	-0.014	31.039	-0.018	31.061	-0.022	31.078	-0.013
26.880	-0.029	26.900	0.020	26.918	0.033	26.938	0.015	31.096	0.001	31.117	-0.001	31.141	-0.016	31.158	-0.016
26.955	-0.039	26.968	-0.061	26.980	-0.070	26.992	-0.044	31.182	-0.025	31.205	-0.051	31.216	-0.052	31.237	-0.052
27.007	-0.009	27.021	0.022	27.039	0.026	27.057	0.034	31.259	-0.025	31.282	-0.021	31.303	0.001	31.322	0.001
27.073	0.047	27.090	0.055	27.101	0.064	27.119	0.086	31.338	0.001	31.358	0.006	31.380	0.005	31.402	0.010
27.138	0.098	27.159	0.075	27.176	0.062	27.194	0.056	31.417	-0.012	31.437	-0.029	31.460	-0.042	31.479	-0.037
27.208	0.056	27.221	0.056	27.241	0.091	27.257	0.090	31.501	-0.037	31.515	-0.036	31.540	-0.018	31.561	0.009
27.274	0.067	27.290	0.058	27.299	0.089	27.319	0.141	31.583	0.041	31.598	0.024	31.614	0.002	31.638	-0.015
27.338	0.132	27.357	0.104	27.376	0.104	27.395	0.085	31.660	0.013	31.682	0.054	31.696	0.063	31.715	0.037
27.415	0.036	27.426	0.009	27.437	0.009	27.458	0.044	31.737	0.011	31.757	-0.010	31.783	0.018	31.797	-0.027
27.476	C-061	27.500	0.042	27.521	0.042	27.540	0.028	31.813	-0.037	31.840	-0.030	31.861	-0.003	31.877	0.015
27.556	0.019	27.574	0.0	27.594	-0.014	27.610	-0.019	31.899	-0.006	31.916	-0.019	31.940	0.012	31.966	0.040
27.627	-0.006	27.642	0.011	27.658	0.015	27.679	-0.017	31.982	0.031	32.002	0.0	32.018	0.0	32.039	0.010
27.697	-0.031	27.719	-0.037	27.739	-0.042	27.760	-0.029	32.057	0.028	32.083	0.006	32.099	-0.012	32.117	-0.038
27.785	-0.021	27.808	-0.053	27.819	-0.067	27.838	-0.068	32.144	-0.011	32.164	-0.002	32.194	0.008	32.222	0.026
27.860	-0.064	27.877	-0.073	27.899	-0.083	27.920	-0.066	32.238	0.026	32.258	0.022	32.275	0.014	32.295	0.014
27.934	-0.049	27.958	-0.040	27.984	-0.023	28.000	-0.019	32.315	-0.017	32.336	-0.043	32.355	-0.043	32.367	-0.043
28.019	-0.024	28.038	-0.029	28.056	-0.047	28.078	-0.087	32.388	-0.083	32.407	-0.047	32.423	-0.016	32.440	-0.002
28.059	-0.088	28.119	-0.075	28.139	-0.044	28.159	-0.062	32.459	-0.011	32.477	-0.020	32.495	-0.033	32.516	-0.002
28.174	-0.071	28.189	-0.071	28.204	-0.072	28.219	-0.072	32.535	-0.021	32.557	-0.001	32.575	-0.032	32.592	-0.059
28.241	-0.063	28.262	-0.028	28.281	-0.020	28.298	-0.029	32.621	-0.010	32.643	-0.001	32.659	0.017	32.679	0.013
28.317	-0.029	28.339	-0.029	28.359	-0.039	28.379	-0.075	32.696	-0.001	32.718	-0.023	32.737	0.013	32.753	0.031
28.397	-0.071	28.419	-0.040	28.437	-0.023	28.458	-0.005	32.775	0.009	32.785	0.009	32.799	0.009	32.817	-0.013
28.477	0.021	28.497	0.020	28.517	0.011	28.536	0.032	32.832	-0.013	32.848	-0.044	32.854	-0.058	32.869	-0.026
28.555	C-023	28.571	-0.009	28.588	-0.040	28.602	-0.050	32.882	0.0	32.897	0.018	32.916	0.010	32.937	-0.008
28.624	-0.046	28.643	-0.020	28.661	0.007	28.682	0.015	32.953	-0.026	32.973	0.014	32.990	0.032	33.005	0.023
28.699	0.010	28.717	0.036	28.739	0.058	28.758	0.071	33.020	0.023	33.038	0.001	33.056	0.015	33.077	0.033
28.778	0.075	28.793	0.039	28.811	-0.006	28.822	-0.019	33.119	0.024	33.135	-0.012	33.155	-0.012	33.152	-0.030
28.844	0.016	28.864	0.034	28.880	-0.029	28.902	-0.002	33.170	-0.020	33.187	0.002	33.202	0.020	33.215	0.028
28.916	0.011	28.939	0.069	28.955	0.078	28.977	0.065	33.236	-0.002	33.259	0.016	33.278	0.047	33.296	0.061
29.000	0.056	29.020	0.051	29.038	0.051	29.058	0.038	33.316	-0.021	33.335	0.007	33.355	0.016	33.381	0.039
29.078	C-020	29.101	0.029	29.119	0.051	29.140	0.051	33.401	-0.001	33.416	-0.015	33.436	0.017	33.457	0.052
29.155	C-029	29.172	0.024	29.193	0.055	29.218	0.064	33.477	0.030	33.498	-0.019	33.520	-0.010	33.538	0.008
29.243	C-086	29.260	0.077	29.277	0.057	29.297	0.063	33.556	0.003	33.575	-0.032	33.590	-0.046	33.618	-0.006
29.316	0.040	29.336	-0.005	29.357	-0.054	29.376	-0.068	33.639	0.034	33.658	0.034	33.680	0.003	33.697	-0.019
29.392	-0.068	29.406	-0.064	29.428	-0.051	29.438	-0.047	33.716	-0.032	33.741	-0.019	33.759	-0.019	33.781	-0.019

33.798	-0.033	33.815	-0.033	33.839	0.002	33.859	0.019
33.877	-0.012	33.896	-0.026	33.919	-0.004	33.936	0.013
33.954	0.013	33.976	0.012	33.994	-0.006	34.012	-0.025
34.036	-0.003	34.056	-0.022	34.072	-0.045	34.094	-0.054
34.119	-0.047	34.133	-0.029	34.152	-0.030	34.174	-0.040
34.190	-0.045	34.207	-0.036	34.218	-0.037	34.234	-0.046
34.252	-0.055	34.277	-0.034	34.294	-0.030	34.319	-0.062
34.340	-0.053	34.360	-0.032	34.375	-0.014	34.396	-0.033
34.410	-0.033	34.436	-0.034	34.458	-0.052	34.479	-0.035
34.497	-0.031	34.515	-0.045	34.535	-0.037	34.556	-0.015
34.573	0.007	34.587	0.007	34.604	-0.003	34.624	-0.031
34.638	-0.058	34.655	-0.063	34.675	-0.059	34.700	-0.060
34.717	-0.061	34.739	-0.040	34.759	-0.027	34.784	-0.023
34.794	-0.015	34.804	-0.015	34.820	-0.016	34.840	-0.035
34.858	-0.027	34.878	-0.004	34.895	-0.038	34.913	0.033
34.933	0.010	34.957	-0.018	34.980	-0.005	34.998	0.003
35.015	0.002	35.032	0.001	35.057	0.0	35.077	0.004
35.101	0.021	35.117	0.034	35.137	0.015	35.155	0.014
35.174	0.032	35.195	0.035	35.211	0.026	35.229	0.017
35.242	0.016	35.256	0.016	35.276	0.006	35.299	0.037
35.317	0.045	35.333	0.045	35.357	0.058	35.375	0.053
35.390	0.048	35.407	0.029	35.425	0.011	35.439	0.010
35.458	0.014	35.479	0.014	35.501	0.013	35.517	-0.015
35.535	-0.042	35.555	-0.043	35.575	-0.016	35.605	0.009
35.622	-0.010	35.638	-0.024	35.662	-0.002	35.679	-0.003
35.698	0.005	35.719	-0.005	35.740	-0.024	35.761	-0.029
35.782	0.001	35.798	0.001	35.820	-0.017	35.844	-0.009
35.866	0.022	35.885	0.026	35.905	0.012	35.923	0.025
35.940	0.025	35.959	0.016	35.978	-0.002	35.993	-0.002
36.018	0.016	36.040	0.002	36.061	0.003	36.078	0.003
36.102	-0.015	36.121	-0.037	36.139	-0.028	36.161	-0.037
36.176	-0.032	36.194	-0.032	36.213	-0.028	36.228	-0.019
36.239	-0.010	36.263	-0.028	36.275	-0.028	36.296	-0.006
36.322	-0.011	36.345	0.002	36.369	0.011		

IR254

71.201 2/9/71 0600PST L.A. 533 S. FREMONT AVE. 6TH FL.

3605 POINTS 50.705 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.4359 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.059	0.012	-0.030	0.024	-0.146	0.037	-0.180	2.151	0.069	2.170	0.021	2.188	-0.013	2.198	-0.048	2.203	-0.255
0.048	-0.152	0.060	-0.091	0.078	0.025	0.095	0.093	2.218	-0.021	2.231	-0.069	2.247	-0.193	2.263	-0.255	2.268	-0.081
0.107	0.093	0.120	0.066	0.128	-0.009	0.145	-0.118	2.280	-0.283	2.291	-0.270	2.304	-0.202	2.319	-0.081	2.324	-0.120
0.158	-0.159	0.177	-0.118	0.190	-0.009	0.207	0.073	2.335	-0.040	2.361	-0.008	2.380	-0.039	2.393	0.120	2.403	-0.032
0.227	0.113	0.239	0.072	0.256	-0.010	0.277	-0.112	2.403	0.133	2.411	0.119	2.423	0.023	2.436	-0.032	2.441	-0.110
0.287	-0.147	0.300	-0.113	0.316	-0.072	0.337	-0.081	2.449	-0.006	2.467	0.034	2.480	-0.013	2.492	-0.110	2.507	-0.297
0.350	-0.018	0.350	-0.039	0.391	-0.067	0.400	-0.081	2.508	0.268	2.514	-0.309	2.522	-0.323	2.531	-0.297	2.546	-0.075
0.414	-0.060	0.435	0.035	0.453	0.041	0.476	0.047	2.544	-0.141	2.551	-0.073	2.563	-0.053	2.577	-0.075	2.592	-0.045
0.492	0.026	0.513	-0.036	0.531	-0.084	0.556	-0.072	2.592	-0.041	2.601	0.033	2.616	-0.080	2.631	0.045	2.646	-0.067
0.584	-0.100	0.595	-0.046	0.608	-0.008	0.618	0.035	2.649	0.050	2.667	0.076	2.686	-0.109	2.699	0.067	2.714	-0.175
0.631	0.001	0.642	-0.027	0.655	-0.006	0.666	0.014	2.715	0.005	2.734	0.017	2.747	-0.038	2.758	-0.175	2.773	-0.389
0.677	-0.014	0.690	-0.048	0.701	-0.055	0.717	-0.048	2.772	-0.346	2.778	-0.394	2.784	-0.422	2.791	-0.389	2.806	-0.031
0.728	-0.014	0.741	0.006	0.761	-0.022	0.777	-0.070	2.804	-0.246	2.819	-0.145	2.839	-0.105	2.847	-0.031	2.862	-0.103
0.792	-0.124	0.809	-0.091	0.830	-0.016	0.848	-0.025	2.858	0.139	2.870	0.316	2.881	-0.356	2.891	-0.322	2.906	-0.103
0.860	-0.030	0.874	-0.139	0.890	-0.173	0.898	-0.132	2.905	0.165	2.922	0.048	2.940	-0.014	2.957	-0.103	2.972	-0.304
0.913	-0.057	0.927	0.004	0.946	0.079	0.955	0.134	2.968	-0.145	2.980	-0.118	2.993	-0.057	3.003	-0.037	3.018	-0.076
0.964	0.154	0.973	0.134	0.983	-0.086	0.992	-0.073	3.009	-0.085	3.019	-0.201	3.023	-0.256	3.029	-0.304	3.044	-0.016
1.008	0.107	1.021	0.025	1.033	-0.125	1.043	-0.262	3.037	-0.291	3.048	-0.154	3.058	-0.046	3.067	0.016	3.082	-0.162
1.056	-0.323	1.067	-0.296	1.081	-0.181	1.100	-0.038	3.078	0.043	3.086	-0.019	3.096	-0.114	3.103	-0.162	3.118	-0.076
1.113	0.010	1.132	0.009	1.153	0.036	1.171	0.063	3.111	-0.128	3.123	-0.013	3.131	0.049	3.139	0.076	3.154	-0.013
1.188	0.131	1.196	0.199	1.206	0.226	1.216	0.171	3.147	0.028	3.155	-0.034	3.162	-0.061	3.170	-0.013	3.185	-0.286
1.225	0.069	1.237	-0.027	1.251	-0.068	1.273	-0.117	3.180	0.164								

4.010	-0.007	4.017	-0.075	4.024	-0.110	4.039	-0.090	6.313	-0.773	6.325	-1.182	6.331	-1.332	6.335	-1.373
4.050	-0.131	4.061	-0.233	4.071	-0.281	4.078	-0.247	6.341	-1.333	6.349	-1.197	6.358	-0.911	6.368	-0.598
4.088	-0.105	4.101	-0.113	4.109	-0.195	4.118	-0.229	6.376	-0.442	6.386	-0.401	6.395	-0.361	6.408	-0.327
4.129	0.215	4.141	0.214	4.153	0.241	4.166	0.221	6.421	-0.205	6.430	-0.408	6.438	0.136	6.446	0.374
4.180	0.125	4.193	0.022	4.206	-0.053	4.221	-0.135	6.453	0.490	6.460	0.511	6.467	0.511	6.476	0.388
4.229	-0.204	4.238	-0.265	4.245	-0.279	4.255	-0.266	6.487	0.122	6.499	-0.123	6.508	-0.218	6.520	-0.347
4.269	-0.219	4.285	-0.186	4.294	-0.112	4.304	0.065	6.532	-0.599	6.542	-0.914	6.555	-1.356	6.566	-1.573
4.314	0.235	4.324	0.309	4.330	0.289	4.340	0.179	6.577	-1.601	6.585	-1.628	6.594	-1.587	6.607	-1.450
4.350	0.076	4.360	0.001	4.371	-0.034	4.381	-0.102	6.620	-1.001	6.635	-0.239	6.646	0.273	6.656	0.613
4.389	-0.144	4.399	-0.124	4.407	-0.049	4.418	0.100	6.669	0.919	6.680	1.191	6.690	1.423	6.700	1.600
4.426	0.216	4.434	0.249	4.442	0.208	4.451	0.085	6.707	1.647	6.714	1.613	6.721	1.463	6.732	1.013
4.462	-0.045	4.473	-0.114	4.488	-0.203	4.500	-0.252	6.743	-0.105	6.753	-0.918	6.759	-1.680	6.764	-1.932
4.507	-0.231	4.521	-0.096	4.528	0.026	4.539	0.060	6.768	-1.973	6.772	-1.905	6.777	-1.524	6.787	-0.543
4.549	0.018	4.561	-0.078	4.574	-0.221	4.584	-0.324	6.801	0.526	6.810	0.874	6.816	1.010	6.826	1.091
4.595	-0.372	4.605	-0.345	4.616	-0.271	4.628	-0.156	6.836	1.125	6.842	1.097	6.848	1.022	6.860	0.803
4.638	0.021	4.647	0.184	4.657	0.341	4.667	0.388	6.867	0.646	6.874	0.495	6.881	0.461	6.892	0.501
4.676	0.361	4.689	0.272	4.702	0.094	4.713	-0.015	6.898	0.446	6.905	0.364	6.912	0.330	6.918	0.384
4.723	-0.111	4.735	-0.152	4.750	-0.125	4.763	-0.091	6.927	0.499	6.937	0.703	6.946	1.029	6.954	1.254
4.777	-0.064	4.790	-0.112	4.803	-0.188	4.817	-0.256	6.964	1.451	6.970	1.573	6.975	1.586	6.983	1.491
4.828	-0.256	4.838	-0.168	4.852	-0.128	4.870	-0.060	6.990	1.320	7.003	1.019	7.013	0.583	7.026	0.193
4.889	0.041	4.903	0.150	4.913	0.190	4.923	0.136	7.029	-0.072	7.034	-0.134	7.041	-0.168	7.054	-0.059
4.934	0.033	4.943	-0.035	4.955	-0.084	4.966	-0.043	7.066	-0.142	7.073	-0.210	7.084	-0.183	7.092	-0.081
4.975	0.086	4.985	0.168	4.993	0.201	5.005	0.167	7.104	0.130	7.111	0.273	7.117	0.361	7.123	0.382
5.015	0.078	5.026	-0.031	5.035	-0.107	5.044	-0.155	7.132	0.293	7.139	0.170	7.147	0.013	7.152	-0.062
5.061	-0.143	5.073	-0.082	5.087	0.026	5.093	0.067	7.158	-0.103	7.166	-0.042	7.176	0.074	7.188	0.223
5.103	0.087	5.112	0.045	5.129	0.010	5.145	-0.018	7.200	0.325	7.208	0.359	7.218	0.297	7.224	0.195
5.154	-0.025	5.164	-0.006	5.177	0.028	5.186	-0.021	7.235	-0.084	7.243	-0.452	7.250	-0.664	7.258	-0.712
5.196	-0.144	5.208	-0.260	5.220	-0.356	5.234	-0.398	7.266	-0.650	7.272	-0.507	7.282	-0.262	7.292	0.058
5.245	-0.371	5.257	-0.290	5.272	-0.141	5.282	0.029	7.303	0.235	7.314	0.303	7.318	0.282	7.324	0.105
5.291	0.171	5.298	0.219	5.310	0.232	5.324	0.211	7.335	-0.209	7.343	-0.372	7.348	-0.407	7.355	-0.359
5.336	0.142	5.346	0.019	5.354	-0.145	5.360	-0.302	7.362	-0.223	7.370	0.077	7.379	0.377	7.384	0.479
5.396	-0.059	5.405	0.138	5.412	0.301	5.420	0.383	7.389	0.506	7.393	0.451	7.398	0.308	7.408	-0.176
5.426	0.410	5.433	0.396	5.446	0.300	5.460	0.245	7.419	-0.810	7.432	-1.273	7.436	-1.417	7.442	-1.444
5.474	0.170	5.494	0.047	5.509	-0.131	5.524	-0.315	7.449	-1.403	7.459	-1.397	7.467	-1.459	7.476	-1.507
5.538	-0.499	5.548	-0.629	5.554	-0.663	5.562	-0.643	7.482	-1.541	7.491	-1.500	7.500	-1.276	7.510	-0.983
5.572	-0.507	5.583	-0.228	5.594	0.065	5.604	0.221	7.522	-0.391	7.534	0.304	7.545	0.699	7.550	0.814
5.612	0.289	5.623	0.248	5.633	0.207	5.648	0.213	7.559	0.875	7.563	0.814	7.573	0.555	7.583	0.248
5.665	0.247	5.679	0.219	5.694	0.143	5.710	0.020	7.595	-0.066	7.602	-0.237	7.613	-0.319	7.623	-0.415
5.724	-0.151	5.733	-0.253	5.744	-0.288	5.754	-0.247	7.635	-0.351	7.642	-0.797	7.653	-1.118	7.661	-1.391
5.764	-0.159	5.774	-0.002	5.784	0.222	5.792	0.344	7.669	-1.459	7.671	-1.507	7.677	-1.459	7.684	-1.310
5.803	0.399	5.813	0.357	5.823	0.234	5.835	0.104	7.692	-0.854	7.704	-0.009	7.718	0.965	7.730	1.346
5.840	0.042	5.846	-0.001	5.854	0.020	5.863	0.033	7.732	1.523	7.737	1.611	7.742	1.638	7.748	1.597
5.874	-0.022	5.885	-0.194	5.896	-0.392	5.906	-0.564	7.756	1.454	7.762	1.188	7.771	0.949	7.779	0.805
5.911	-0.612	5.915	-0.633	5.922	-0.606	5.928	-0.464	7.787	0.662	7.799	0.266	7.808	-0.368	7.818	-0.866
5.939	-0.158	5.949	-0.264	5.959	0.699	5.968	0.882	7.822	-1.152	7.828	-1.268	7.833	-1.303	7.840	-1.269
5.974	0.943	5.980	0.962	5.989	0.900	5.996	0.818	7.849	-1.092	7.857	-0.854	7.873	-0.392	7.886	0.092
6.005	0.517	6.013	0.148	6.020	-0.077	6.025	-0.166	7.897	0.316	7.911	0.615	7.923	1.037	7.932	1.193
6.031	-0.215	6.036	-0.215	6.044	0.016	6.054	0.321	7.936	1.261	7.940	1.295	7.946	1.240	7.952	1.103
6.063	0.497	6.068	0.537	6.074	0.578	6.084	0.542	7.962	0.837	7.968	0.748	7.972	0.700	7.979	0.734
6.095	0.466	6.107	0.417	6.118	0.341	6.127	0.176	7.986	0.877	7.996	1.088	8.000	1.176	8.008	1.210
6.136	-0.016	6.147	-0.235	6.155	-0.345	6.162	-0.380	8.013	1.155	8.023	0.834	8.035	0.125	8.047	-0.747
6.169	-0.347	6.179	-0.212	6.188	0.033	6.200	0.311	8.054	-1.102	8.059	-1.238	8.064	-1.279	8.070	-1.239
6.212	0.493	6.221	0.601	6.227	0.696	6.234	0.736	8.078	-1.123	8.087	-0.960	8.099	-0.626	8.110	-0.299
6.239	0.702	6.248	0.593	6.256	0.456	6.265	0.354	8.121	-0.095	8.133	-0.067	8.143	0.129	8.156	0.374
6.274	0.319	6.285	0.257	6.290	0.121	6.301	-0.207	8.170	0.571	8.181	0.646	8.194	0.618	8.207	0.632
								8.217	0.788	8.229	1.047	8.238	1.299	8.246	1.504

8.253	1.620	8.257	1.593	8.262	1.415	8.272	0.973	10.262	-0.862	10.269	-0.827	10.275	-0.881	10.284	-1.106
8.286	0.005	8.294	-0.383	8.301	-0.454	8.315	-0.478	10.294	-1.296	10.302	-1.350	10.311	-1.315	10.322	-1.164
8.324	-0.566	8.334	-0.750	8.341	-0.838	8.348	-0.872	10.335	-0.925	10.352	-0.932	10.369	0.290	10.386	1.068
8.355	-0.654	8.361	-0.654	8.369	-0.252	8.382	0.511	10.404	1.914	10.416	2.351	10.424	2.563	10.430	2.645
8.394	1.193	8.400	1.391	8.403	1.438	8.407	1.391	10.433	2.598	10.443	2.326	10.451	1.959	10.457	1.830
8.413	1.159	8.423	0.594	8.430	0.035	8.437	-0.407	10.464	1.776	10.475	1.790	10.481	1.716	10.489	1.484
8.441	-0.530	8.445	-0.591	8.449	-0.557	8.457	-0.318	10.501	0.784	10.515	-0.060	10.523	-0.537	10.533	-0.836
8.465	0.111	8.472	0.336	8.476	0.371	8.482	0.337	10.538	-0.972	10.546	-0.923	10.554	-0.970	10.564	-0.602
8.490	0.044	8.499	-0.405	8.511	-0.759	8.517	-0.888	10.572	-0.342	10.581	-0.191	10.588	0.327	10.593	0.450
8.532	-1.031	8.540	-1.262	8.553	-1.480	8.558	-1.528	10.607	0.499	10.613	0.595	10.620	0.840	10.626	0.991
8.565	-1.500	8.574	-1.254	8.583	-0.941	8.596	-0.422	10.632	1.025	10.642	0.972	10.652	0.871	10.665	0.804
8.609	0.205	8.621	1.050	8.632	2.032	8.641	2.699	10.678	0.921	10.687	1.167	10.697	1.399	10.710	1.551
8.645	2.972	8.651	3.061	8.655	3.000	8.664	2.666	10.719	1.606	10.734	1.491	10.741	1.288	10.752	0.928
8.672	1.896	8.684	0.901	8.702	0.036	8.716	-0.304	10.764	0.500	10.777	0.153	10.785	-0.050	10.789	-0.064
8.721	-0.372	8.729	-0.406	8.738	-0.385	8.747	-0.365	10.800	-0.026	10.813	0.136	10.820	0.205	10.831	0.036
8.753	-0.412	8.762	-0.583	8.768	-0.807	8.773	-0.930	10.845	-0.222	10.857	-0.562	10.864	-0.773	10.874	-1.119
8.777	-0.950	8.783	-0.923	8.789	-0.753	8.799	-0.418	10.891	-1.575	10.896	-1.895	10.910	-0.077	10.919	-1.975
8.812	-0.132	8.832	0.243	8.840	0.529	8.850	0.883	10.925	-0.443	10.939	-0.774	10.954	-0.432	10.964	-0.186
8.859	1.197	8.864	1.313	8.870	1.367	8.874	1.306	10.984	-0.948	10.989	-0.177	11.002	-0.422	11.015	-0.775
8.882	1.108	8.891	0.604	8.900	0.045	8.909	-0.282	11.029	-1.135	11.042	-1.263	11.062	-1.276	11.076	-2.000
8.921	-0.479	8.932	-0.691	8.942	-1.004	8.953	-1.488	11.088	-1.526	11.103	-1.103	11.113	-1.811	11.126	-1.895
8.963	-1.815	8.966	-1.876	8.971	-1.903	8.976	-1.876	11.133	-2.123	11.142	-1.952	11.149	-1.822	11.168	-1.895
8.982	-1.713	8.998	-1.195	9.016	-0.759	9.025	-0.568	11.176	-2.072	11.189	-2.010	11.198	-1.525	11.209	-1.027
9.032	-0.513	9.038	-0.548	9.045	-0.725	9.054	-1.018	11.225	-0.570	11.229	-0.304	11.245	-0.043	11.258	0.074
9.061	-1.120	9.067	-1.181	9.072	-1.133	9.078	-0.875	11.275	-0.026	11.289	-0.304	11.303	-0.589	11.315	-0.738
9.089	-0.255	9.101	0.468	9.113	0.911	9.116	1.047	11.324	-0.682	11.337	-0.504	11.348	-0.298	11.362	-0.072
9.121	1.048	9.127	1.047	9.135	0.808	9.145	0.600	11.374	0.079	11.384	-0.135	11.393	-0.055	11.403	-0.497
9.158	-0.248	9.167	-0.636	9.176	-0.772	9.184	-0.793	11.417	-0.904	11.433	-1.093	11.446	-0.915	11.456	-0.648
9.196	-0.854	9.202	-0.936	9.212	-0.963	9.217	-1.161	11.469	-0.238	11.482	0.064	11.494	0.656	11.506	0.441
9.229	-1.426	9.241	-1.583	9.247	-1.624	9.253	-1.597	11.514	0.564	11.527	0.743	11.541	0.656	11.553	0.549
9.259	-1.529	9.265	-1.420	9.273	-1.372	9.279	-1.474	11.574	0.551	11.588	0.634	11.602	0.765	11.614	0.834
9.287	-1.624	9.294	-1.665	9.298	-1.610	9.313	-1.461	11.630	1.047	11.640	1.273	11.656	1.588	11.670	1.651
9.323	-0.929	9.342	-0.440	9.361	-1.653	9.368	-2.151	11.675	1.604	11.691	1.851	11.701	2.090	11.707	2.336
9.376	2.294	9.386	2.348	9.392	2.573	9.398	2.641	11.718	2.147	11.736	1.930	11.761	1.756	11.780	1.696
9.404	2.573	9.411	2.273	9.419	1.721	9.426	1.435	11.794	1.596	11.816	1.441	11.824	1.531	11.838	1.259
9.437	0.584	9.450	-0.404	9.458	-0.704	9.463	-1.058	11.844	0.688	11.857	0.246	11.871	-0.359	11.882	-0.644
9.468	-0.983	9.480	-0.568	9.489	-0.097	9.495	0.087	11.895	-0.820	11.911	-0.539	11.928	-0.040	11.935	0.179
9.504	0.148	9.519	0.325	9.535	0.496	9.547	0.571	11.945	0.351	11.960	0.127	11.974	-0.505	11.990	-1.369
9.559	0.476	9.572	0.721	9.589	0.844	9.596	0.892	12.003	-2.328	12.019	-2.953	12.035	-3.401	12.048	-2.828
9.607	0.960	9.618	0.905	9.625	0.701	9.636	0.729	12.063	-0.809	12.076	1.264	12.086	2.716	12.095	2.949
9.647	0.865	9.664	0.886	9.678	0.655	9.689	0.226	12.106	2.194	12.120	0.921	12.137	-0.078	12.149	-0.650
9.700	-0.224	9.707	-0.441	9.716	-0.482	9.727	-0.393	12.163	-1.070	12.181	-1.471	12.195	-1.721	12.212	-2.019
9.739	0.016	9.746	0.248	9.755	0.337	9.764	0.568	12.225	-1.675	12.235	-1.430	12.245	-1.027	12.258	-0.643
9.774	0.821	9.782	1.230	9.791	1.727	9.799	2.143	12.279	-0.893	12.294	-1.320	12.310	-1.229	12.325	-1.322
9.804	2.232	9.811	2.144	9.820	1.551	9.832	0.741	12.340	-1.198	12.358	-1.168	12.367	-1.201	12.374	-1.118
9.841	-0.036	9.851	-0.369	9.862	-0.546	9.872	-0.614	12.381	-1.049	12.393	-0.945	12.400	-0.972	12.412	-0.881
9.879	-0.641	9.888	-0.607	9.896	-0.607	9.907	-0.838	12.420	-0.887	12.430	-0.933	12.438	-0.857	12.445	-0.693
9.920	-1.212	9.933	-1.641	9.940	-1.750	9.947	-1.783	12.452	-0.494	12.462	-0.418	12.471	-0.205	12.479	-0.075
9.956	-1.756	9.964	-1.667	9.976	-1.408	9.993	-0.944	12.487	0.063	12.497	0.112	12.508	0.141	12.519	0.136
10.009	-0.555	10.022	-0.268	10.038	-0.056	10.046	0.189	12.527	0.123	12.535	0.145	12.545	0.221	12.558	0.305
10.057	0.360	10.065	0.504	10.073	0.566	10.081	0.505	12.566	0.422	12.574	0.573	12.581	0.751	12.590	0.834
10.088	0.164	10.100	-0.530	10.115	-1.306	10.125	-1.610	12.598	0.774	12.603	0.659	12.619	0.600	12.627	0.669
10.130	-1.714	10.136	-1.755	10.143	-1.659	10.152	-1.318	12.635	0.888	12.643	1.114	12.651	1.272	12.660	1.348
10.164	-0.663	10.175	0.162	10.183	0.394	10.188	0.462	12.669	1.282	12.679	1.215	12.690	1.162	12.704	1.110
10.195	0.401	10.206	0.218	10.215	-0.129	10.226	-0.530	12.719	1.166	12.725	1.358	12.733	1.475	12.743	1.531
10.237	-0.829	10.244	-0.938	10.248	-0.972	10.254	-0.951	12.753	1.655	12.762	1.493	12.769	1.180	12.773	0.657

12.785	0.399	12.796	0.060	12.805	0.109	12.811	0.444	15.180	-0.008	15.192	-0.041	15.205	0.015	15.217	0.029
12.819	0.690	12.825	0.500	12.832	0.835	12.838	1.108	15.230	-0.004	15.242	-0.064	15.256	-0.152	15.270	-0.171
12.842	1.157	12.845	0.898	12.853	1.077	12.861	1.282	15.281	-0.211	15.293	-0.162	15.302	-0.025	15.312	0.139
12.869	1.549	12.878	1.646	12.884	1.762	12.893	1.627	15.320	0.283	15.328	0.392	15.337	0.475	15.349	0.489
12.901	1.506	12.908	1.160	12.918	0.793	12.927	0.631	15.363	0.463	15.373	0.389	15.388	0.281	15.397	0.193
12.934	0.570	12.944	0.654	12.954	0.635	12.961	0.697	15.408	0.058	15.420	0.018	15.433	0.032	15.444	0.087
12.972	0.705	12.979	0.829	12.987	0.946	12.995	1.070	15.459	0.150	15.471	0.171	15.486	0.172	15.502	0.166
13.005	1.140	13.016	1.236	13.027	1.149	13.037	0.980	15.515	0.085	15.525	0.030	15.535	-0.139	15.545	-0.254
13.049	0.709	13.058	0.322	13.071	-0.031	13.081	-0.405	15.555	-0.349	15.566	-0.450	15.579	-0.572	15.589	-0.688
13.089	-0.676	13.098	-0.920	13.108	-1.055	13.118	-1.068	15.598	-0.701	15.608	-0.577	15.617	-0.393	15.629	-0.031
13.129	-0.985	13.139	-0.929	13.148	-0.839	13.158	-0.811	15.637	0.229	15.649	0.434	15.654	0.584	15.664	0.681
13.169	-0.694	13.180	-0.536	13.190	-0.323	13.203	-0.090	15.679	0.668	15.693	0.649	15.705	0.582	15.717	0.447
13.215	0.075	13.228	0.165	13.242	0.105	13.254	-0.003	15.729	0.291	15.744	0.122	15.749	0.075	15.770	0.049
13.266	-0.043	13.275	0.005	13.283	0.204	13.293	0.463	15.785	0.003	15.793	-0.119	15.803	-0.302	15.817	-0.492
13.303	0.573	13.308	0.621	13.318	0.534	13.328	0.296	15.830	-0.600	15.843	-0.639	15.859	-0.638	15.869	-0.562
13.339	-0.003	13.350	-0.186	13.362	-0.389	13.375	-0.579	15.880	-0.513	15.890	-0.464	15.901	-0.429	15.916	-0.427
13.386	-0.728	13.398	-0.877	13.411	-0.998	13.423	-1.140	15.926	-0.358	15.935	-0.262	15.942	-0.200	15.952	-0.131
13.435	-1.283	13.447	-1.377	13.455	-1.404	13.464	-1.308	15.967	-0.102	15.972	-0.101	15.982	-0.128	15.993	-0.147
13.473	-1.151	13.484	-0.980	13.493	-0.836	13.501	-0.672	16.006	-0.173	16.014	-0.165	16.023	-0.117	16.033	0.007
13.511	-0.528	13.522	-0.418	13.533	-0.397	13.543	-0.458	16.041	0.164	16.052	0.288	16.060	0.350	16.069	0.398
13.556	-0.634	13.565	-0.742	13.575	-0.789	13.586	-0.632	16.078	0.317	16.092	0.189	16.107	-0.007	16.115	-0.225
13.598	-0.256	13.608	0.119	13.619	0.481	13.629	0.700	16.118	-0.388	16.129	-0.496	16.139	-0.475	16.151	-0.358
13.642	0.762	13.655	0.798	13.668	0.792	13.677	0.711	16.159	-0.194	16.166	-0.098	16.176	-0.049	16.185	-0.069
13.689	0.556	13.701	0.325	13.713	0.149	13.725	0.075	16.194	-0.102	16.207	-0.169	16.217	-0.257	16.230	-0.324
13.741	0.002	13.752	-0.134	13.763	-0.317	13.774	-0.493	16.238	-0.337	16.249	-0.288	16.258	-0.206	16.267	-0.048
13.783	-0.546	13.795	-0.497	13.806	-0.273	13.816	0.097	16.276	0.062	16.284	0.192	16.292	0.267	16.302	0.336
13.826	0.364	13.836	0.631	13.849	0.911	13.858	1.137	16.316	0.358	16.323	0.359	16.335	0.244	16.345	0.136
13.869	1.397	13.879	1.595	13.889	1.746	13.897	1.781	16.359	0.014	16.363	-0.088	16.374	-0.148	16.383	-0.175
13.909	1.694	13.918	1.538	13.927	1.341	13.935	1.130	16.392	-0.106	16.401	-0.037	16.409	0.025	16.419	0.081
13.944	0.920	13.953	0.737	13.962	0.561	13.974	0.425	16.425	0.115	16.435	0.088	16.441	0.014	16.449	-0.115
13.983	0.420	13.993	0.373	14.007	0.272	14.019	0.171	16.460	-0.210	16.467	-0.305	16.478	-0.372	16.486	-0.379
14.030	0.110	14.038	0.125	14.048	0.221	14.056	0.364	16.497	-0.296	16.510	-0.186	16.512	-0.098	16.524	0.026
14.067	0.474	14.074	0.577	14.084	0.475	14.094	0.251	16.532	0.156	16.541	0.292	16.549	0.436	16.559	0.580
14.103	-0.075	14.112	-0.286	14.122	-0.347	14.132	-0.210	16.569	0.696	16.575	0.765	16.586	0.813	16.593	0.800
14.141	0.023	14.151	0.228	14.160	0.371	14.168	0.495	16.600	0.766	16.608	0.657	16.620	0.481	16.626	0.236
14.179	0.604	14.193	0.673	14.204	0.797	14.215	0.907	16.636	-0.002	16.646	-0.220	16.654	-0.247	16.658	-0.172
14.224	0.982	14.233	0.990	14.244	0.881	14.256	0.678	16.668	0.020	16.681	0.218	16.684	0.340	16.696	0.402
14.264	0.522	14.275	0.312	14.285	0.169	14.298	0.088	16.710	0.423	16.722	0.396	16.732	0.383	16.747	0.349
14.311	0.089	14.324	0.090	14.338	0.044	14.350	-0.051	16.757	0.316	16.763	0.268	16.777	0.146	16.786	0.051
14.365	-0.159	14.377	-0.260	14.388	-0.368	14.400	-0.408	16.795	-0.037	16.805	-0.064	16.819	-0.057	16.833	-0.043
14.413	-0.380	14.424	-0.331	14.435	-0.289	14.448	-0.295	16.843	-0.015	16.854	0.006	16.866	0.068	16.875	0.156
14.464	-0.376	14.477	-0.409	14.487	-0.442	14.505	-0.454	16.888	0.280	16.896	0.355	16.904	0.410	16.911	0.471
14.520	-0.467	14.533	-0.500	14.546	-0.540	14.557	-0.485	16.920	0.492	16.927	0.431	16.937	0.295	16.947	0.173
14.568	-0.409	14.580	-0.333	14.594	-0.400	14.607	-0.590	16.964	0.078	16.972	0.017	16.984	-0.002	16.997	0.012
14.619	-0.746	14.631	-0.847	14.647	-0.852	14.657	-0.770	17.007	0.026	17.018	0.040	17.028	0.020	17.029	0.020
14.670	-0.687	14.682	-0.550	14.693	-0.358	14.708	-0.255	17.043	-0.027	17.054	-0.115	17.065	-0.217	17.077	-0.305
14.715	-0.268	14.726	-0.383	14.739	-0.559	14.750	-0.640	17.090	-0.400	17.102	-0.468	17.113	-0.488	17.127	-0.501
14.762	-0.673	14.773	-0.563	14.788	-0.406	14.799	-0.309	17.143	-0.452	17.150	-0.391	17.161	-0.302	17.175	-0.212
14.810	-0.213	14.824	-0.137	14.834	-0.048	14.846	0.055	17.190	-0.164	17.199	-0.157	17.210	-0.184	17.220	-0.272
14.857	0.152	14.867	0.207	14.881	0.235	14.892	0.216	17.230	-0.401	17.241	-0.455	17.248	-0.482	17.257	-0.407
14.904	0.142	14.915	-0.069	14.928	-0.320	14.936	-0.510	17.265	-0.311	17.273	-0.202	17.280	-0.093	17.295	0.024
14.947	-0.611	14.959	-0.590	14.968	-0.508	14.979	-0.377	17.307	0.099	17.310	0.086	17.319	0.004	17.328	-0.118
14.989	-0.315	15.002	-0.301	15.016	-0.354	15.030	-0.367	17.338	-0.261	17.348	-0.431	17.358	-0.553	17.371	-0.607
15.044	-0.352	15.055	-0.324	15.066	-0.228	15.076	-0.063	17.381	-0.593	17.393	-0.559	17.401	-0.450	17.411	-0.374
15.087	0.088	15.096	0.225	15.105	0.307	15.118	0.315	17.424	-0.299	17.432	-0.244	17.442	-0.237	17.456	-0.264
15.127	0.268	15.138	0.173	15.149	0.086	15.163	0.032	17.466	-0.311	17.477	-0.325	17.487	-0.297	17.501	-0.236

17.512	-0.126	17.524	-0.051	17.537	-0.064	17.549	-0.159	20.101	-0.099	20.114	-0.113	20.133	-0.167	20.143	-0.125
17.562	-0.220	17.575	-0.247	17.586	-0.274	17.604	-0.274	20.163	-0.009	20.169	0.005	20.180	-0.016	20.199	-0.022
17.625	-0.198	17.636	-0.212	17.648	-0.198	17.657	-0.164	20.218	0.054	20.229	0.088	20.242	-0.211	20.254	-0.320
17.670	-0.082	17.687	-0.013	17.693	0.061	17.706	0.034	20.261	0.354	20.280	0.518	20.287	0.635	20.299	0.574
17.717	-0.020	17.733	-0.061	17.741	-0.054	17.756	-0.034	20.307	0.519	20.317	0.356	20.332	-0.138	20.343	-0.114
17.767	-0.027	17.783	0.028	17.798	0.123	17.814	0.233	20.359	-0.365	20.377	-0.474	20.382	-0.412	20.395	-0.262
17.837	0.342	17.843	0.430	17.853	0.451	17.865	0.424	20.409	-0.112	20.419	0.018	20.430	0.018	20.446	0.113
17.874	0.328	17.884	0.179	17.895	-0.039	17.909	-0.210	20.463	0.195	20.467	0.147	20.483	0.113	20.494	0.031
17.919	-0.278	17.920	-0.298	17.929	-0.243	17.935	-0.128	20.506	-0.051	20.513	-0.051	20.523	0.024	20.535	0.153
17.943	0.036	17.953	0.206	17.967	0.343	17.979	0.425	20.553	0.324	20.564	0.323	20.573	0.282	20.577	0.235
17.986	0.438	17.993	0.370	18.003	0.289	18.020	0.314	20.591	0.085	20.604	0.030	20.621	-0.011	20.636	-0.011
18.031	0.207	18.037	0.234	18.056	0.316	18.066	0.244	20.651	-0.011	20.666	0.046	20.680	-0.141	20.693	-0.298
18.068	0.310	18.080	0.208	18.091	0.092	18.099	0.031	20.709	-0.401	20.720	-0.415	20.728	-0.360	20.739	-0.272
18.114	0.017	18.120	0.044	18.134	0.119	18.150	0.092	20.751	-0.197	20.765	-0.068	20.773	0.027	20.791	0.143
18.159	0.058	18.173	0.024	18.183	-0.010	18.196	-0.084	20.791	0.150	20.805	0.150	20.825	0.129	20.836	0.101
18.208	-0.112	18.223	-0.145	18.236	-0.193	18.247	-0.207	20.855	0.012	20.870	-0.043	20.884	-0.057	20.897	-0.050
18.264	-0.234	18.281	-0.254	18.286	-0.274	18.301	-0.227	20.914	0.052	20.926	0.140	20.936	0.187	20.950	0.166
18.358	-0.008	18.366	0.108	18.377	0.196	18.388	0.285	20.965	0.050	20.982	-0.087	20.990	-0.209	21.005	-0.319
18.399	0.224	18.409	0.101	18.416	-0.083	18.427	-0.226	21.031	-0.464	21.045	-0.620	21.055	-0.620	21.064	-0.634
18.441	-0.321	18.450	-0.348	18.460	-0.293	18.469	-0.225	21.120	0.033	21.130	0.019	21.147	0.039	21.162	0.045
18.481	-0.123	18.490	-0.048	18.501	-0.082	18.518	-0.116	21.176	0.018	21.192	-0.119	21.206	-0.181	21.217	-0.276
18.523	-0.163	18.537	-0.184	18.544	-0.170	18.555	-0.190	21.234	-0.147	21.246	-0.133	21.256	-0.195	21.284	-0.160
18.562	-0.265	18.571	-0.361	18.580	-0.456	18.592	-0.524	21.293	-0.242	21.309	-0.187	21.319	-0.044	21.336	0.072
18.608	-0.572	18.616	-0.619	18.621	-0.680	18.637	-0.708	21.330	0.093	21.352	0.092	21.365	0.052	21.380	0.052
18.648	-0.701	18.656	-0.674	18.671	-0.599	18.677	-0.490	21.390	0.093	21.400	0.127	21.421	0.243	21.431	0.202
18.690	-0.381	18.703	-0.279	18.715	-0.136	18.732	-0.041	21.442	0.134	21.462	0.025	21.471	-0.056	21.492	-0.185
18.747	0.034	18.759	0.109	18.765	0.157	18.783	0.238	21.497	-0.267	21.520	-0.239	21.536	-0.273	21.552	-0.205
18.805	0.218	18.813	0.183	18.827	0.054	18.839	-0.021	21.558	-0.164	21.578	-0.020	21.585	-0.013	21.588	-0.040
18.860	-0.130	18.873	-0.110	18.881	-0.103	18.898	-0.028	21.614	-0.054	21.626	-0.156	21.645	-0.231	21.661	-0.265
18.913	0.047	18.929	0.115	18.936	0.163	18.947	0.115	21.677	-0.278	21.691	-0.101	21.695	-0.060	21.713	0.110
18.961	0.047	18.970	-0.028	18.978	-0.035	18.994	-0.028	21.715	0.130	21.727	0.205	21.742	0.158	21.753	0.035
19.003	0.088	19.012	0.224	19.022	0.408	19.035	0.667	21.768	-0.128	21.781	-0.149	21.803	-0.101	21.813	-0.108
19.043	0.777	19.056	0.859	19.062	0.818	19.073	0.648	21.828	-0.026	21.843	0.049	21.855	0.138	21.875	0.159
19.078	0.478	19.085	0.308	19.096	0.145	19.106	0.145	21.883	0.172	21.897	0.227	21.907	0.166	21.927	0.159
19.112	0.227	19.123	0.364	19.135	0.432	19.144	0.480	21.942	0.112	21.958	0.071	21.968	0.126	21.989	0.229
19.149	0.392	19.158	0.297	19.171	0.195	19.179	0.100	22.004	0.222	22.021	0.168	22.031	0.127	22.043	0.100
19.192	0.053	19.203	0.087	19.211	0.142	19.221	0.190	22.053	0.039	22.067	-0.083	22.088	-0.191	22.102	-0.204
19.235	0.259	19.246	0.341	19.266	0.520	19.269	0.459	22.103	-0.231	22.114	-0.142	22.128	-0.040	22.155	0.152
19.280	0.432	19.299	0.365	19.312	0.428	19.324	0.428	22.170	0.173	22.189	0.201	22.194	0.167	22.227	0.202
19.335	0.409	19.349	0.396	19.370	0.411	19.386	0.433	22.241	0.169	22.247	0.060	22.274	-0.143	22.284	-0.157
19.400	0.447	19.418	0.530	19.428	0.572	19.439	0.607	22.298	-0.142	22.305	-0.060	22.318	0.049	22.319	0.077
19.449	0.526	19.468	0.391	19.475	0.174	19.486	0.032	22.343	0.159	22.361	-0.174	22.362	0.174	22.376	0.147
19.500	-0.124	19.513	-0.184	19.525	-0.169	19.536	-0.121	22.393	0.230	22.418	0.360	22.424	0.279	22.442	0.184
19.537	-0.100	19.552	-0.024	19.563	0.045	19.574	0.155	22.459	0.178	22.470	0.185	22.475	0.185	22.495	0.213
19.591	0.272	19.599	0.368	19.605	0.478	19.619	0.534	22.516	0.153	22.532	0.079	22.546	0.086	22.564	0.073
19.629	0.514	19.642	0.419	19.656	0.344	19.669	0.311	22.574	0.060	22.591	-0.021	22.617	0.021	22.622	0.028
19.685	0.250	19.700	0.121	19.706	-0.063	19.718	-0.239	22.636	0.172	22.646	0.227	22.651	0.166	22.661	0.152
19.730	-0.396	19.738	-0.518	19.748	-0.566	19.757	-0.531	22.682	0.085	22.689	0.092	22.702	0.120	22.719	0.066
19.767	-0.360	19.775	-0.224	19.785	-0.121	19.795	-0.026	22.735	0.149	22.742	0.176	22.760	0.163	22.772	0.082
19.813	0.002	19.819	-0.073	19.830	-0.147	19.840	-0.222	22.787	0.008	22.807	0.022	22.817	0.016	22.843	0.024
19.852	-0.297	19.864	-0.311	19.874	-0.338	19.887	-0.332	22.854	0.059	22.869	0.073	22.883	0.135	22.894	0.204
19.897	-0.236	19.908	-0.087	19.916	0.016	19.924	0.111	22.912	0.212	22.914	0.130	22.940	0.077	22.955	-0.064
19.942	0.152	19.948	0.179	19.955	0.138	19.966	0.049	22.968	0.010	22.989	0.018	23.016	-0.015	23.035	-0.041
19.978	0.008	19.997	-0.006	20.016	-0.033	20.030	-0.087	23.048	-0.116	23.061	-0.210	23.086	-0.202	23.094	-0.148
20.043	-0.176	20.058	-0.175	20.072	-0.209	20.087	-0.120	23.115	-0.017	23.124	0.133	23.135	0.120	23.149	0.100

23.169	0.053	23.179	0.033	23.201	0.075	23.207	-0.013	27.554	-0.169	27.578	-0.037	27.600	0.150	27.623	0.234
23.228	-0.108	23.242	-0.209	23.260	-0.181	23.274	-0.289	27.652	0.190	27.672	0.097	27.699	0.099	27.722	0.027
23.287	-0.262	23.287	-0.262	23.302	-0.159	23.318	-0.053	27.758	-0.023	27.795	-0.033	27.835	-0.015	27.864	-0.145
23.329	0.190	23.330	0.163	23.346	0.096	23.369	0.070	27.884	0.202	27.896	0.142	27.922	-0.019	27.938	-0.031
23.385	0.077	23.399	0.058	23.416	-0.010	23.433	-0.077	27.967	0.202	28.000	0.038	28.025	-0.028	28.052	-0.066
23.449	-0.164	23.465	-0.162	23.475	-0.079	23.491	-0.004	28.075	-0.111	28.100	-0.169	28.119	-0.133	28.155	-0.049
23.506	0.094	23.525	0.062	23.552	0.112	23.570	0.100	28.180	0.120	28.218	0.050	28.242	-0.036	28.265	-0.142
23.580	0.033	23.601	0.191	23.617	0.213	23.630	0.174	28.282	-0.127	28.304	0.046	28.322	0.130	28.344	0.105
23.639	0.018	23.662	-0.000	23.677	0.049	23.688	0.125	28.365	-0.001	28.381	-0.081	28.413	-0.166	28.439	-0.088
23.699	0.235	23.716	0.285	23.722	0.292	23.744	0.274	28.467	0.011	28.495	0.075	28.529	0.093	28.562	0.110
23.761	0.207	23.773	0.209	23.793	0.218	23.810	0.178	28.584	0.160	28.615	0.034	28.642	-0.032	28.664	-0.030
23.817	0.091	23.847	0.141	23.862	0.224	23.876	0.205	28.696	0.055	28.722	0.023	28.746	-0.050	28.761	-0.035
23.885	0.090	23.893	-0.073	23.913	-0.085	23.927	-0.029	28.791	0.090	28.824	0.209	28.849	0.122	28.869	-0.012
23.939	0.074	23.949	0.204	23.958	0.328	23.971	0.363	28.882	-0.038	28.906	0.093	28.921	0.128	28.940	0.096
24.042	-0.053	24.064	-0.038	24.078	0.005	24.031	-0.089	28.960	-0.084	28.981	0.045	29.004	-0.028	29.023	-0.067
24.091	0.013	24.105	0.008	24.137	0.011	24.155	0.047	29.046	-0.017	29.067	0.040	29.084	0.042	29.118	0.025
24.170	0.103	24.181	0.172	24.194	0.201	24.200	0.126	29.143	0.028	29.161	-0.018	29.181	-0.111	29.201	-0.129
24.220	0.108	24.236	-0.027	24.260	-0.086	24.276	-0.173	29.228	0.030	29.252	0.142	29.281	-0.036	29.317	-0.110
24.291	-0.266	24.311	-0.196	24.321	-0.059	24.339	0.038	29.344	-0.052	29.364	-0.050	29.391	-0.088	29.433	-0.063
24.355	0.135	24.369	0.123	24.385	0.077	24.402	0.004	29.458	-0.026	29.488	0.031	29.526	-0.060	29.544	-0.038
24.420	-0.062	24.435	-0.061	24.443	-0.026	24.457	-0.032	29.568	0.060	29.594	0.076	29.626	-0.005	29.665	-0.087
24.465	-0.072	24.482	-0.186	24.502	-0.280	24.517	-0.217	29.684	-0.071	29.717	-0.007	29.758	0.025	29.781	-0.061
24.529	-0.161	24.541	-0.112	24.558	-0.063	24.571	-0.082	29.803	-0.155	29.821	-0.112	29.851	-0.068	29.880	0.119
24.588	-0.142	24.612	-0.113	24.620	-0.126	24.634	-0.063	29.918	0.041	29.957	-0.098	29.981	-0.075	30.008	-0.045
24.654	0.068	24.671	0.077	24.683	0.078	24.701	0.032	30.039	-0.001	30.066	0.083	30.089	0.112	30.117	0.046
24.724	0.014	24.748	0.118	24.757	0.092	24.777	0.162	30.150	-0.053	30.176	-0.037	30.201	-0.015	30.228	-0.108
24.791	0.068	24.814	0.097	24.825	-0.038	24.832	0.032	30.263	-0.283	30.295	-0.049	30.315	-0.170	30.345	-0.052
24.878	0.061	24.900	0.035	24.937	0.106	24.952	0.161	30.366	-0.030	30.395	0.049	30.416	-0.054	30.443	-0.038
24.975	0.197	24.989	0.096	25.004	0.131	25.022	0.146	30.469	0.005	30.489	0.054	30.522	-0.025	30.559	-0.042
25.038	0.140	25.048	0.120	25.054	0.113	25.069	0.128	30.590	-0.074	30.632	0.138	30.667	-0.210	30.696	-0.030
25.084	0.129	25.105	0.110	25.123	0.111	25.149	0.235	30.725	0.102	30.743	0.118	30.772	0.039	30.803	-0.047
25.174	0.230	25.193	0.169	25.220	0.082	25.246	0.105	30.829	-0.045	30.862	-0.063	30.889	-0.081	30.916	-0.086
25.266	0.148	25.285	0.136	25.312	0.056	25.333	0.017	30.941	0.038	30.961	0.189	30.982	0.252	31.013	0.193
25.358	-0.056	25.379	-0.088	25.404	-0.086	25.436	-0.158	31.038	0.146	31.059	0.072	31.081	0.046	31.099	0.047
25.465	-0.073	25.497	0.060	25.526	0.234	25.559	0.194	31.123	0.034	31.152	-0.046	31.185	-0.134	31.211	-0.105
25.560	0.019	25.578	-0.115	25.618	-0.233	25.655	-0.140	31.238	-0.070	31.274	-0.021	31.300	0.034	31.335	0.039
25.679	-0.185	25.713	-0.092	25.745	0.007	25.767	-0.018	31.367	0.139	31.388	0.139	31.416	0.072	31.443	0.039
25.792	-0.028	25.819	-0.046	25.847	0.026	25.868	0.097	31.469	0.012	31.500	-0.048	31.526	-0.102	31.560	-0.047
25.885	0.078	25.908	-0.069	25.934	-0.175	25.964	-0.124	31.586	0.009	31.621	0.057	31.647	0.098	31.681	0.045
25.994	-0.038	26.018	0.053	26.047	0.186	26.067	0.202	31.714	0.025	31.743	0.005	31.781	0.046	31.820	0.108
26.086	0.102	26.114	-0.024	26.148	0.075	26.167	0.118	31.856	0.027	31.885	0.062	31.916	0.131	31.941	0.057
26.194	0.142	26.212	0.076	26.238	0.011	26.270	0.186	31.962	0.044	31.996	0.058	32.015	-0.037	32.044	-0.138
26.290	0.257	26.311	0.158	26.340	-0.009	26.365	0.063	32.077	-0.089	32.111	0.035	32.140	0.076	32.165	0.071
26.388	0.100	26.413	0.171	26.436	0.120	26.466	0.063	32.196	0.106	32.220	0.120	32.244	0.087	32.280	0.033
26.485	0.134	26.505	0.164	26.527	0.045	26.552	-0.149	32.308	-0.062	32.345	-0.142	32.374	-0.121	32.405	-0.120
26.578	-0.016	26.608	0.070	26.628	0.025	26.643	-0.014	32.433	-0.120	32.461	-0.105	32.496	-0.104	32.516	-0.090
26.663	0.009	26.690	0.033	26.712	-0.073	26.739	0.138	32.535	-0.069	32.561	-0.144	32.590	-0.191	32.621	-0.238
26.767	-0.025	26.782	0.018	26.799	-0.089	26.825	-0.242	32.642	-0.264	32.674	-0.099	32.693	-0.003	32.723	-0.015
26.846	-0.131	26.868	-0.053	26.905	-0.130	26.938	-0.099	32.752	-0.000	32.778	-0.006	32.796	-0.026	32.828	-0.086
26.966	-0.231	26.990	-0.317	27.009	-0.280	27.034	-0.134	32.860	-0.078	32.894	-0.042	32.930	0.000	32.966	-0.012
27.059	-0.022	27.083	-0.040	27.104	-0.017	27.121	-0.056	32.991	-0.017	33.032	0.039	33.059	0.012	33.092	-0.048
27.138	-0.231	27.158	-0.337	27.190	-0.170	27.214	-0.106	33.123	0.089	33.138	0.123	33.168	0.090	33.205	0.043
27.243	0.081	27.262	0.118	27.290	0.053	27.335	-0.133	33.238	-0.045	33.258	-0.058	33.289	0.093	33.318	0.210
27.361	-0.096	27.381	-0.115	27.403	-0.112	27.421	-0.015	33.342	0.094	33.361	0.013	33.378	0.013	33.406	-0.007
27.440	0.035	27.471	-0.063	27.510	0.064	27.532	-0.042	33.436	-0.094	33.470	-0.086	33.500	-0.023	33.521	-0.009
								33.547	-0.014	33.578	0.042	33.623	-0.079	33.651	-0.017

33.681	0.046	33.719	-0.096	33.739	-0.129	33.765	-0.094	38.408	0.062	38.414	0.049	38.421	0.043	38.434	0.085
33.793	-0.188	33.820	-0.234	33.849	-0.220	33.888	-0.021	38.449	0.141	38.458	0.156	38.466	0.184	38.477	0.205
33.912	0.034	33.941	-0.033	33.965	-0.101	33.992	-0.080	38.490	0.145	38.501	0.126	38.521	0.087	38.540	0.007
34.011	-0.100	34.036	-0.127	34.064	-0.113	34.092	-0.079	38.553	-0.047	38.565	-0.107	38.574	-0.126	38.587	0.146
34.132	-0.030	34.164	0.004	34.182	0.004	34.208	0.038	38.608	-0.096	38.619	-0.061	38.630	0.029	38.643	0.132
34.239	0.066	34.269	0.046	34.303	0.005	34.335	0.012	38.650	0.160	38.660	0.201	38.673	0.243	38.683	0.189
34.360	-0.083	34.376	-0.124	34.405	-0.001	34.431	0.047	38.691	0.149	38.705	0.089	38.710	0.069	38.719	0.079
34.455	-0.048	34.481	0.062	34.505	0.130	34.534	0.144	38.733	0.002	38.744	-0.058	38.754	-0.037	38.763	-0.077
34.577	0.077	34.614	0.043	34.638	0.071	34.671	0.072	38.780	-0.028	38.795	0.021	38.811	0.104	38.817	-0.138
34.701	0.024	34.730	0.066	34.774	0.094	34.797	0.053	38.835	-0.187	38.846	0.113	38.858	0.026	38.867	-0.042
34.823	0.027	34.852	0.054	34.876	0.068	34.913	0.001	38.876	-0.082	38.888	-0.113	38.904	-0.087	38.924	-0.058
34.939	0.001	34.967	0.002	34.996	-0.080	35.029	-0.004	38.935	-0.016	38.949	0.005	38.966	0.075	38.973	0.116
35.063	-0.004	35.094	-0.004	35.117	0.003	35.152	0.051	38.981	0.137	38.994	0.166	39.012	0.167	39.027	0.134
35.185	-0.016	35.222	-0.071	35.254	-0.084	35.282	0.005	39.043	0.067	39.062	0.034	39.074	-0.027	39.091	-0.088
35.302	0.060	35.331	0.026	35.366	-0.097	35.393	-0.131	39.097	-0.108	39.106	-0.128	39.116	-0.073	39.126	0.003
35.430	-0.007	35.459	-0.054	35.494	0.008	35.528	0.084	39.135	0.078	39.144	0.147	39.155	0.181	39.167	0.168
35.566	0.037	35.601	-0.003	35.639	0.032	35.663	0.060	39.175	0.108	39.188	0.054	39.192	0.027	39.202	-0.034
35.691	0.019	35.728	-0.062	35.748	-0.082	35.784	-0.020	39.212	-0.054	39.227	0.001	39.237	0.050	39.246	0.077
35.819	0.089	35.850	0.069	35.885	0.089	35.922	0.006	39.252	0.084	39.272	0.017	39.288	-0.002	39.301	-0.028
35.949	-0.035	35.981	-0.015	36.011	-0.016	36.048	-0.010	39.313	-0.096	39.325	-0.150	39.333	-0.197	39.344	-0.203
36.073	-0.031	36.114	0.036	36.151	0.103	36.189	0.130	39.354	-0.148	39.367	-0.065	39.377	0.078	39.384	0.160
36.216	0.129	36.241	0.020	36.277	-0.056	36.305	-0.070	39.396	0.188	39.397	0.209	39.411	0.155	39.421	0.088
36.336	-0.043	36.369	0.032	36.392	0.114	36.419	0.100	39.430	0.013	39.438	-0.033	39.444	-0.074	39.454	-0.093
36.450	0.014	36.468	-0.002	36.489	0.019	36.508	0.060	39.465	-0.092	39.482	-0.084	39.502	-0.082	39.512	-0.095
36.644	-0.005	36.671	0.078	36.698	0.058	36.728	-0.002	39.526	-0.066	39.542	-0.085	39.555	-0.057	39.565	-0.063
36.755	-0.049	36.785	-0.069	36.811	-0.027	36.834	0.035	39.581	-0.047	39.592	-0.012	39.602	0.036	39.613	0.085
36.861	-0.012	36.885	-0.107	36.923	0.091	36.948	-0.011	39.620	0.071	39.635	0.052	39.651	0.075	39.669	0.082
36.960	-0.113	36.982	-0.173	37.005	-0.112	37.031	-0.057	39.662	0.029	39.669	-0.011	39.685	-0.037	39.698	-0.015
37.063	-0.056	37.077	-0.063	37.106	-0.192	37.129	-0.021	39.710	0.014	39.724	0.009	39.740	-0.024	39.752	-0.022
37.155	0.079	37.171	0.361	37.192	0.232	37.209	0.048	39.768	0.013	39.781	0.015	39.788	-0.011	39.799	-0.024
37.220	-0.135	37.241	-0.298	37.261	-0.277	37.278	-0.235	39.805	-0.010	39.819	0.033	39.831	0.068	39.843	0.070
37.304	0.019	37.320	0.169	37.337	0.232	37.361	0.124	39.856	0.078	39.878	0.073	39.891	0.075	39.902	0.076
37.381	-0.066	37.403	-0.201	37.421	-0.241	37.447	-0.355	39.920	0.071	39.935	0.052	39.951	0.048	39.975	0.050
37.474	-0.286	37.503	-0.154	37.527	0.079	37.545	0.141	39.991	0.052	40.003	0.053	40.018	0.068	40.031	0.083
37.575	-0.000	37.601	-0.033	37.623	-0.093	37.649	0.093	40.048	0.112	40.062	0.120	40.083	0.129	40.099	0.144
37.677	0.251	37.689	0.177	37.701	0.075	37.716	-0.026	40.124	0.105	40.139	0.093	40.153	0.060	40.167	0.054
*37.722	-0.073	37.732	-0.059	37.743	-0.031	37.750	0.010	40.179	0.041	40.194	-0.012	40.203	0.009	40.218	0.058
37.756	0.024	37.760	0.052	37.770	0.011	37.780	-0.056	40.226	0.120	40.236	0.155	40.252	0.129	40.263	0.116
37.784	-0.110	37.790	-0.185	37.798	-0.273	37.804	-0.368	40.276	0.151	40.288	0.186	40.309	0.194	40.326	0.202
37.812	-0.836	37.820	-0.524	37.825	-0.578	37.836	-0.625	40.344	0.176	40.359	0.143	40.375	0.137	40.399	0.118
37.844	-0.611	37.854	-0.501	37.863	-0.296	37.876	0.004	40.407	0.078	40.421	0.025	40.439	0.046	40.460	0.048
37.882	0.196	37.890	0.271	37.897	0.278	37.905	0.190	40.477	0.022	40.492	0.044	40.508	0.052	40.526	0.046
37.913	0.082	37.921	-0.006	37.925	-0.053	37.934	-0.053	40.542	0.061	40.555	0.042	40.570	-0.005	40.587	0.024
37.949	-0.018	37.961	-0.003	37.963	-0.003	37.971	-0.003	40.603	0.052	40.614	0.067	40.628	0.081	40.641	0.049
37.983	0.012	37.994	-0.028	38.004	-0.055	38.010	-0.089	40.665	0.024	40.679	-0.023	40.696	-0.035	40.715	-0.067
38.018	-0.088	38.028	0.015	38.039	0.063	38.049	0.180	40.725	-0.080	40.744	-0.078	40.760	-0.063	40.773	-0.048
38.056	0.256	38.065	0.290	38.071	0.311	38.078	0.237	40.794	-0.067	40.813	-0.051	40.826	-0.016	40.840	0.013
38.088	0.163	38.098	0.034	38.103	-0.020	38.109	-0.006	40.853	0.027	40.862	0.036	40.880	0.085	40.898	0.039
38.122	-0.012	38.132	0.030	38.139	0.023	38.146	-0.031	40.907	0.005	40.923	-0.061	40.937	-0.115	40.944	-0.134
38.161	-0.111	38.170	-0.145	38.177	-0.192	38.183	-0.191	40.960	-0.146	40.981	-0.144	41.000	-0.129	41.015	-0.134
38.203	-0.163	38.219	-0.093	38.224	-0.065	38.232	-0.010	41.026	-0.140	41.037	-0.105	41.050	-0.056	41.058	-0.034
38.247	-0.015	38.261	-0.089	38.265	-0.129	38.284	-0.066	41.073	0.001	41.082	-0.078	41.096	-0.078	41.108	-0.077
38.297	0.031	38.307	0.066	38.309	0.080	38.313	0.012	41.124	-0.075	41.140	-0.066	41.146	-0.038	41.159	-0.071
38.325	-0.082	38.338	-0.142	38.343	-0.203	38.356	-0.113	41.167	-0.043	41.179	-0.041	41.191	-0.013	41.201	0.036
38.363	-0.024	38.380	0.073	38.387	0.108	38.400	0.102	41.210	0.071	41.219	0.092	41.233	0.040	41.250	-0.026
								41.267	-0.092	41.281	-0.124	41.293	-0.136	41.303	-0.155

41.316	-0.173	41.332	-0.130	41.348	-0.080	41.363	-0.010	44.569	0.120	44.582	0.121	44.595	0.102	44.608	0.110
41.378	0.040	41.398	0.145	41.407	0.181	41.411	0.209	44.620	0.098	44.636	0.072	44.649	0.073	44.659	0.053
41.423	0.231	41.438	0.185	41.456	0.140	41.474	0.074	44.668	0.047	44.680	0.034	44.699	0.070	44.704	0.104
41.490	0.070	41.501	0.044	41.513	0.045	41.539	0.063	44.718	0.132	44.730	0.147	44.742	0.175	44.759	0.142
41.553	0.039	41.571	0.108	41.583	0.075	41.592	0.036	44.773	0.130	44.789	0.117	44.800	0.098	44.818	0.086
41.602	0.003	41.610	-0.037	41.618	-0.056	41.625	-0.076	44.833	0.019	44.847	0.047	44.861	0.062	44.881	0.084
41.635	-0.047	41.647	-0.012	41.656	0.037	41.664	0.072	44.897	0.065	44.913	0.039	44.929	0.013	44.942	-0.006
41.674	0.101	41.687	0.082	41.699	0.042	41.705	0.016	44.948	-0.012	44.966	0.003	44.978	0.052	45.001	0.033
41.718	-0.003	41.732	0.053	41.743	0.082	41.755	0.117	45.014	0.041	45.030	-0.012	45.046	0.003	45.067	0.019
41.766	0.132	41.779	0.161	41.790	0.169	41.803	0.143	45.084	0.027	45.096	0.021	45.110	0.057	45.126	0.045
41.815	0.111	41.827	0.071	41.836	0.031	41.849	0.019	45.137	0.100	45.148	0.040	45.161	0.014	45.171	0.006
41.859	0.055	41.869	0.090	41.889	0.099	41.907	0.075	45.182	-0.018	45.195	0.010	45.209	0.025	45.214	0.053
41.928	0.057	41.944	0.038	41.957	0.033	41.964	0.020	45.227	0.074	45.247	0.055	45.267	0.036	45.296	0.011
41.977	-0.005	41.995	0.024	42.008	0.047	42.018	0.075	45.317	-0.001	45.336	-0.014	45.353	-0.026	45.368	-0.039
42.037	0.057	42.059	0.053	42.078	0.056	42.085	0.077	45.380	-0.051	45.388	0.099	45.399	-0.098	45.411	-0.077
42.100	0.086	42.117	0.054	42.127	0.028	42.138	0.025	45.422	-0.035	45.434	0.000	45.441	0.048	45.450	0.070
42.150	-0.065	42.161	-0.118	42.171	0.130	42.185	-0.128	45.470	-0.017	45.485	0.004	45.500	-0.008	45.521	0.007
42.206	-0.112	42.220	-0.063	42.229	-0.027	42.235	0.007	45.536	0.022	45.545	0.050	45.557	0.065	45.569	0.080
42.261	-0.017	42.275	-0.049	42.291	-0.040	42.304	0.025	45.587	0.061	45.602	0.028	45.616	0.022	45.633	0.024
42.324	-0.030	42.344	-0.055	42.359	-0.087	42.371	-0.072	45.645	0.019	45.659	-0.007	45.671	-0.060	45.679	-0.086
42.384	-0.050	42.397	-0.035	42.408	-0.006	42.420	0.016	45.687	-0.113	45.701	-0.056	45.720	-0.040	45.726	-0.013
42.435	-0.016	42.452	-0.048	42.468	-0.053	42.481	-0.051	45.733	0.009	45.755	0.059	45.767	0.115	45.784	0.056
42.495	-0.028	42.507	-0.013	42.514	0.008	42.532	-0.030	45.795	-0.004	45.807	-0.044	45.815	-0.084	45.827	-0.014
42.548	-0.062	42.569	-0.059	42.588	-0.077	42.600	-0.089	45.836	-0.000	45.848	0.029	45.861	-0.031	45.871	-0.078
42.617	-0.087	42.636	-0.057	42.656	-0.054	42.676	-0.044	45.885	-0.036	45.900	0.020	45.910	0.035	45.922	0.043
42.687	-0.022	42.708	-0.040	42.720	-0.065	42.731	-0.084	45.935	0.051	45.946	0.052	45.959	0.060	45.970	0.095
42.748	-0.082	42.766	-0.079	42.781	-0.063	42.798	-0.033	45.980	0.062	45.996	0.022	46.004	-0.018	46.012	-0.024
42.812	0.023	42.825	0.066	42.835	0.094	42.851	0.131	46.025	0.038	46.049	-0.042	46.061	-0.048	46.073	-0.047
42.867	0.085	42.891	0.048	42.909	0.023	42.918	-0.017	46.094	-0.018	46.107	0.010	46.123	0.038	46.133	0.066
42.931	-0.042	42.950	-0.019	42.967	0.010	42.993	0.021	46.150	0.074	46.165	0.048	46.176	0.008	46.186	-0.012
43.011	0.030	43.023	0.052	43.037	0.067	43.059	0.064	46.206	-0.004	46.215	0.031	46.223	0.072	46.240	-0.001
43.070	0.086	43.084	0.087	43.101	0.097	43.118	0.051	46.256	-0.000	46.266	0.026	46.283	-0.025	46.297	-0.004
43.134	0.012	43.149	0.001	43.170	0.045	43.181	0.060	46.305	0.011	46.315	0.039	46.334	0.020	46.351	-0.020
43.198	0.069	43.215	0.058	43.224	0.038	43.249	-0.013	46.370	-0.053	46.381	-0.079	46.403	-0.057	46.415	-0.001
43.265	0.002	43.277	0.031	43.291	0.012	43.302	0.000	46.428	-0.000	46.445	0.001	46.471	-0.017	46.486	0.043
43.318	-0.005	43.334	-0.003	43.353	0.006	43.368	0.028	46.498	-0.056	46.515	-0.020	46.527	0.022	46.543	0.043
43.384	0.030	43.393	0.052	43.405	0.067	43.416	0.102	46.561	0.052	46.576	0.087	46.598	0.041	46.614	0.015
43.432	0.056	43.446	0.010	43.461	-0.023	43.477	-0.035	46.638	-0.003	46.655	-0.002	46.673	-0.001	46.693	-0.000
43.487	-0.013	43.497	0.029	43.510	0.037	43.530	0.019	46.707	-0.033	46.724	-0.053	46.738	-0.066	46.760	-0.085
43.538	-0.008	43.553	0.021	43.563	0.036	43.576	0.057	46.776	-0.091	46.798	-0.076	46.807	-0.048	46.818	-0.013
43.589	0.086	43.601	0.046	43.615	0.000	43.623	-0.034	46.831	0.015	46.848	0.015	46.865	0.030	46.877	0.044
43.644	-0.045	43.657	-0.016	43.672	0.006	43.684	-0.034	46.893	0.003	46.915	0.004	46.936	0.005	46.962	0.012
43.702	-0.086	43.710	-0.113	43.721	-0.119	43.734	-0.083	46.978	0.013	46.994	0.014	47.007	0.041	47.021	0.083
43.743	-0.041	43.754	0.007	43.767	0.029	43.786	-0.003	47.055	-0.043	47.084	0.017	47.106	0.011	47.128	-0.009
43.799	-0.015	43.810	-0.007	43.828	-0.040	43.844	-0.058	47.147	0.043	47.169	0.047	47.189	0.061	47.205	0.089
43.862	-0.084	43.878	-0.055	43.899	-0.033	43.916	-0.025	47.225	-0.049	47.246	-0.012	47.258	-0.032	47.275	-0.032
43.937	-0.023	43.952	0.033	43.972	0.042	43.992	0.023	47.304	-0.011	47.335	0.051	47.344	0.071	47.370	0.078
44.004	0.025	44.020	0.053	44.044	0.049	44.064	0.023	47.386	0.079	47.404	0.065	47.428	-0.009	47.449	0.018
44.088	0.005	44.117	-0.033	44.130	-0.045	44.140	-0.044	47.462	0.038	47.475	0.073	47.495	0.086	47.513	0.032
44.169	-0.014	44.187	0.021	44.206	0.050	44.220	0.072	47.529	0.011	47.545	-0.050	47.554	-0.057	47.570	-0.077
44.236	0.040	44.251	0.041	44.266	0.043	44.287	0.079	47.583	-0.030	47.597	0.004	47.616	0.038	47.632	0.011
44.300	0.094	44.317	0.116	44.333	0.145	44.349	0.153	47.653	-0.030	47.692	-0.071	47.720	-0.043	47.743	-0.043
44.365	0.155	44.374	0.170	44.386	0.184	44.402	0.145	47.766	-0.064	47.780	-0.064	47.802	-0.064	47.814	-0.043
44.413	0.105	44.428	0.059	44.441	0.033	44.447	-0.000	47.820	-0.023	47.844	-0.023	47.873	-0.043	47.889	-0.049
44.459	-0.026	44.472	-0.066	44.486	0.017	44.496	0.059	47.917	-0.028	47.931	-0.021	47.953	-0.014	47.978	0.000
44.512	0.067	44.522	0.088	44.538	0.090	44.552	0.112	47.998	0.000	48.011	0.001	48.033	-0.026	48.062	-0.065

48.082	-0.085	48.100	-0.084	48.112	-0.097	48.131	-0.068
48.145	-0.040	48.167	-0.026	48.187	-0.004	48.197	0.010
48.210	0.045	48.226	0.073	48.247	0.033	48.281	-0.039
48.304	-0.038	48.323	-0.057	48.354	0.013	48.370	0.035
48.385	0.056	48.403	0.057	48.417	0.038	48.431	0.025
48.454	0.054	48.465	0.089	48.477	0.130	48.496	0.131
48.515	0.132	48.531	0.133	48.543	0.127	48.555	0.101
48.572	0.081	48.589	0.082	48.599	0.103	48.609	0.138
48.624	0.166	48.643	0.099	48.657	0.066	48.670	0.019
48.683	0.054	48.697	0.082	48.707	0.103	48.722	0.104
48.744	0.105	48.753	0.126	48.770	0.148	48.781	0.169
48.799	0.183	48.814	0.184	48.833	0.199	48.859	0.173
48.883	0.174	48.898	0.134	48.912	0.107	48.921	0.073
48.930	0.060	48.947	0.061	48.967	0.055	48.985	0.056
49.006	0.056	49.014	0.030	49.024	0.030	49.051	0.051
49.064	0.085	49.082	0.133	49.103	0.133	49.121	0.127
49.144	0.127	49.161	0.128	49.182	0.087	49.195	0.046
49.211	-0.001	49.235	0.006	49.261	-0.020	49.283	-0.006
49.297	-0.039	49.312	-0.052	49.334	-0.031	49.358	-0.017
49.381	-0.009	49.401	-0.002	49.419	0.026	49.443	-0.014
49.476	-0.012	49.504	-0.011	49.530	-0.010	49.547	-0.036
49.568	-0.070	49.585	-0.069	49.602	-0.075	49.617	-0.088
49.632	-0.101	49.652	-0.087	49.669	-0.059	49.688	-0.038
49.709	-0.024	49.727	-0.017	49.747	-0.016	49.769	-0.016
49.782	-0.029	49.793	-0.002	49.809	0.033	49.828	0.040
49.841	-0.014	49.866	-0.034	49.887	-0.047	49.906	-0.067
49.925	-0.087	49.949	-0.052	49.965	-0.024	49.983	0.010
50.006	0.038	50.017	0.059	50.038	0.025	50.055	-0.001
50.071	-0.035	50.087	-0.041	50.103	-0.020	50.115	0.007
50.129	0.028	50.152	0.036	50.174	0.016	50.185	-0.045
50.210	-0.051	50.218	-0.057	50.236	0.011	50.244	0.039
50.259	0.039	50.279	0.053	50.298	0.054	50.311	0.020
50.329	-0.007	50.350	-0.047	50.370	-0.060	50.393	-0.053
50.417	-0.052	50.452	-0.010	50.476	0.018	50.498	-0.008
50.512	0.007	50.526	-0.007	50.541	0.021	50.552	-0.042
50.571	0.043	50.590	0.017	50.608	0.065	50.622	0.032
50.641	0.005	50.657	-0.022	50.676	-0.028	50.692	-0.048
50.705	-0.054						

IR254

71.201 2/9/71 0600PST L.A. 533 S. FREMONT AVE. 6TH FL. S60W

2895 POINTS 50.485 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3054 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.021	0.016	0.001	0.041	-0.012	0.058	0.027	2.862	0.025	2.872	0.064	2.899	0.194	2.917	0.134	2.931	0.085	2.978	-0.020
0.079	0.073	0.119	0.040	0.131	0.034	0.151	0.014	2.931	0.061	2.950	0.021	2.978	-0.085	2.996	-0.020	3.024	-0.001	3.055	-0.061
0.173	-0.012	0.194	0.027	0.217	0.066	0.234	0.027	3.024	-0.001	3.041	-0.067	3.055	-0.106	3.080	-0.061	3.106	-0.029	3.123	0.017
0.250	0.007	0.268	0.026	0.288	0.046	0.310	0.058	3.106	-0.029	3.123	0.017	3.148	0.122	3.167	0.075	3.178	-0.049	3.211	-0.109
0.332	0.071	0.348	0.038	0.366	-0.002	0.385	-0.009	3.178	-0.049	3.196	-0.135	3.211	-0.109	3.230	0.022	3.250	0.094	3.272	0.127
0.405	0.004	0.429	0.017	0.445	0.023	0.472	0.087	3.250	0.094	3.272	0.127	3.290	0.080	3.316	0.126	3.332	0.034	3.344	0.008
0.496	0.054	0.526	0.118	0.543	0.046	0.576	-0.014	3.332	0.034	3.344	0.008	3.361	0.020	3.380	0.106	3.395	0.060	3.424	0.020
0.599	-0.041	0.615	-0.042	0.626	0.004	0.640	0.069	3.395	0.060	3.413	-0.019	3.424	0.020	3.440	0.125	3.466	0.171	3.481	0.013
0.654	0.102	0.675	0.082	0.695	0.049	0.722	0.002	3.466	0.171	3.481	0.013	3.508	0.115	3.524	0.083	3.534	0.038	3.549	0.077
0.736	0.002	0.751	0.041	0.770	0.080	0.787	0.047	3.534	0.038	3.549	0.077	3.565	0.130	3.579	0.094	3.597	-0.153	3.624	-0.121
0.821	0.053	0.843	0.040	0.862	0.073	0.885	0.093	3.597	-0.153	3.611	-0.239	3.624	-0.121	3.649	0.094	3.660	-0.179	3.691	0.191
0.897	0.067	0.916	0.001	0.933	-0.052	0.949	-0.038	3.660	-0.179	3.674	0.231	3.691	0.191	3.705	0.007	3.720	-0.040	3.737	-0.027
0.972	0.001	0.995	0.001	1.016	0.001	1.030	0.053	3.720	-0.040	3.737	-0.027	3.762	-0.068	3.779	-0.088	3.795	0.075	3.811	0.160
1.051	0.092	1.081	0.052	1.112	-0.014	1.128	0.006	3.795	0.075	3.811	0.160	3.829	0.113	3.851	0.100	3.880	0.112	3.908	0.071
1.149	0.031	1.164	0.064	1.181	0.024	1.200	-0.015	3.880	0.112	3.896	0.131	3.908	0.071	3.924	-0.172	3.936	-0.244	3.951	-0.179
1.206	0.024	1.227	0.056	1.238	0.062	1.255	0.068	3.936	-0.244	3.951	-0.179	3.989	0.115	4.006	0.193	4.021	0.101	4.028	0.035
1.269	0.113	1.280	0.132	1.295	0.099	1.313	0.026	4.021	0.101	4.028	0.035	4.041	0.002	4.056	0.041	4.084	0.053	4.107	0.026
1.330	-0.027	1.346	-0.074	1.356	-0.048	1.364	0.031	4.084	0.053	4.107	0.026	4.124	0.072	4.150	0.078	4.176	0.038	4.215	0.037
1.369	0.070	1.380	0.128	1.393	0.082	1.420	0.035	4.176	0.038	4.215	0.037	4.234	0.009	4.267	0.060	4.279	0.027	4.292	-0.046
1.440	0.001	1.459	-0.020	1.472	0.019	1.487	0.058	4.279	0.027	4.292	-0.046	4.311	-0.139	4.340	-0.055	4.353	-0.121	4.367	-0.181
1.502	0.077	1.516	0.056	1.530	0.023	1.549	-0.004	4.353	-0.121	4.367	-0.181	4.377	-0.155	4.397	0.034	4.419	0.112	4.436	0.177
1.560	0.028	1.581	0.053	1.593	0.079	1.614	0.019	4.419	0.112	4.436	0.177	4.452	0.235	4.462	0.202	4.481	-0.016	4.494	-0.082
1.640	-0.009	1.654	-0.003	1.670	0.030	1.690	-0.037	4.481	-0.016	4.494	-0.082	4.514	0.009	4.538	0.178	4.548	0.217	4.565	0.177
1.711	-0.090	1.728	-0.025	1.741	0.040	1.758	0.065	4.548	0.217	4.565	0.177	4.577	0.163	4.600	0.188	4.607	0.122	4.635	-0.174
1.777	0.071	1.800	0.110	1.816	0.122	1.835	0.043	4.607	0.122	4.635	-0.128	4.645	-0.174	4.653	-0.135	4.673	0.035	4.699	0.087
1.855	0.003	1.866	-0.003	1.876	-0.017	1.889	0.029	4.673	0.035	4.686	0.127	4.699	0.087	4.718	-0.058	4.733	-0.137	4.742	-0.157
1.903	0.088	1.914	0.101	1.929	0.081	1.946	0.041	4.733	-0.137	4.742	-0.157	4.770	-0.059	4.783	-0.020	4.794	-0.073	4.805	-0.099
1.957	-0.005	1.969	-0.031	1.989	0.021	2.003	0.060	4.794	-0.073	4.805	-0.099	4.816	-0.060	4.827	0.117	4.840	0.162	4.857	0.129
2.014	0.080	2.033	-0.019	2.049	-0.098	2.068	-0.079	4.840	0.162	4.857	0.129	4.873	0.089	4.902	0.114	4.920	0.042	4.942	0.001
2.087	-0.080	2.103	-0.080	2.121	-0.028	2.129	0.050	4.920	0.042	4.942	0.001	4.957	0.006	4.968	0.060	4.987	0.197	5.019	0.209
2.146	0.096	2.166	0.115	2.178	0.115	2.194	0.062	4.987	0.197	5.019	0.209	5.043	0.240	5.052	0.200	5.072	-0.037	5.095	-0.111
2.209	-0.030	2.225	-0.044	2.236	0.027	2.247	0.086	5.072	-0.037	5.095	-0.111	5.108	-0.171	5.122	-0.171	5.136	-0.093	5.153	0.076
2.265	0.138	2.277	0.078	2.289	0.051	2.308	0.070	5.136	-0.093	5.153	0.076	5.166	0.167	5.182	0.114	5.198	0.034	5.209	-0.150
2.325	0.056	2.344	0.022	2.356	0.008	2.385	0.145	5.198	0.034	5.209	-0.150	5.226	0.275	5.228	-0.315	5.248	-0.283	5.276	0.004
2.394	0.118	2.414	0.084	2.443	0.148	2.461	0.042	5.248	-0.283	5.276	0.004	5.286	0.004	5.286	-0.122	5.303	0.193	5.334	0.146
2.482	-0.110	2.498	-0.032	2.511	0.079	2.519	0.091	5.303	0.193	5.317	0.212	5.334	0.146	5.353	0.040	5.364	0.092	5.377	0.130
2.535	0.005	2.552	-0.048	2.577	-0.030	2.598	0.034	5.364	0.092	5.377	0.130	5.391	0.044	5.410	0.004	5.427	0.142	5.436	0.168
2.616	0.046	2.628	-0.040	2.649	-0.140	2.669	-0.036	5.427	0.142	5.436	0.168	5.459	0.389	5.478	0.278	5.491	0.396	5.505	0.435
2.685	0.035	2.707	0.067	2.720	0.092	2.735	0.143	5.491	0.396	5.505	0.435	5.518	0.389	5.532	0.146	5.550	-0.032	5.567	-0.092
2.749	0.182	2.770	0.121	2.806	0.093	2.831	0.066	5.550	-0.032	5.567	-0.092	5.589	-0.040	5.612	-0.021				

5.628	-0.074	5.647	-0.153	5.660	-0.140	5.679	-0.088	8.507	0.624	8.520	0.205	8.539	-0.050	8.551	-0.201
5.693	-0.069	5.709	-0.083	5.730	-0.149	5.743	-0.255	8.567	-0.450	8.585	-0.528	8.600	-0.370	8.619	-0.048
5.752	-0.393	5.764	-0.465	5.771	-0.426	5.797	-0.119	8.649	0.339	8.649	0.484	8.657	0.425	8.670	0.110
5.813	-0.051	5.842	-0.017	5.855	0.034	5.876	0.137	8.684	-0.106	8.702	-0.388	8.714	-0.801	8.726	-1.103
5.892	0.307	5.906	0.391	5.924	0.428	5.946	0.315	8.737	-1.188	8.749	-1.089	8.766	-0.597	8.775	-0.216
5.960	0.215	5.980	0.240	5.996	0.271	6.019	0.387	8.791	0.106	8.802	0.211	8.816	0.152	8.831	-0.052
6.031	0.418	6.045	0.371	6.060	0.244	6.071	0.204	8.841	-0.275	8.855	-0.465	8.867	-0.498	8.881	-0.380
6.084	0.281	6.097	0.516	6.108	0.692	6.118	0.782	8.898	-0.052	8.913	0.428	8.919	0.644	8.932	0.782
6.131	0.741	6.140	0.609	6.156	0.404	6.172	0.028	8.942	0.710	8.953	0.355	8.968	-0.209	8.977	0.504
6.187	0.355	6.198	-0.540	6.211	-0.593	6.224	-0.515	8.991	-0.616	9.005	-0.517	9.019	-0.117	9.026	0.231
6.236	-0.253	6.253	0.042	6.259	0.179	6.267	0.205	9.037	0.421	9.045	0.303	9.058	-0.012	9.073	-0.373
6.274	0.159	6.291	-0.150	6.303	-0.315	6.311	-0.400	9.077	-0.760	9.091	-1.417	9.102	-1.338	9.117	-1.436
6.342	-0.428	6.365	-0.508	6.380	-0.587	6.391	-0.692	9.134	-0.482	9.144	-1.417	9.157	-1.115	9.170	-0.892
6.402	-0.667	6.413	-0.529	6.430	-0.424	6.448	-0.319	9.187	-0.767	9.197	-0.878	9.210	-0.918	9.220	-0.852
6.458	-0.220	6.475	0.062	6.485	0.141	6.495	0.049	9.227	-0.682	9.239	-0.577	9.257	-0.675	9.265	-0.708
6.512	-0.200	6.522	-0.443	6.535	-0.561	6.547	-0.488	9.275	-0.767	9.285	-0.609	9.300	-0.084	9.318	0.539
6.563	-0.442	6.584	-0.488	6.598	-0.541	6.609	-0.560	9.329	1.130	9.340	1.734	9.359	2.528	9.369	2.994
6.625	-0.436	6.637	-0.075	6.646	0.384	6.656	0.757	9.374	3.040	9.380	2.889	9.397	1.950	9.401	1.996
6.664	0.987	6.675	1.072	6.685	1.032	6.701	0.874	9.413	1.438	9.425	1.058	9.439	0.736	9.451	0.454
6.709	0.690	6.722	0.348	6.730	0.184	6.740	0.144	9.460	0.612	9.472	1.025	9.487	1.347	9.500	1.708
6.750	0.190	6.762	0.301	6.777	0.530	6.794	0.707	9.512	1.885	9.516	1.938	9.529	1.479	9.538	1.452
6.803	0.884	6.813	1.100	6.818	1.165	6.823	1.178	9.547	1.242	9.569	0.724	9.581	0.376	9.603	0.285
6.832	1.066	6.848	0.704	6.860	0.356	6.875	0.132	9.607	0.042	9.618	-0.279	9.627	-0.581	9.643	-0.955
6.887	0.065	6.897	-0.080	6.907	-0.107	6.916	-0.048	9.656	-0.744	9.668	-0.783	9.683	-0.691	9.705	-0.842
6.929	-0.009	6.940	-0.023	6.955	-0.083	6.976	-0.202	9.735	-0.769	9.746	-0.847	9.765	-1.149	9.781	-1.279
6.987	-0.347	6.999	-0.630	7.006	-0.768	7.019	-0.828	9.797	-0.043	9.804	-0.760	9.819	-0.668	9.838	-0.713
7.030	-0.763	7.043	-0.336	7.059	0.129	7.067	0.365	9.854	-0.601	9.882	-0.364	9.901	-0.344	9.915	-0.402
7.075	0.411	7.084	0.424	7.096	0.463	7.109	0.391	9.937	-0.316	9.969	-0.263	9.982	-0.223	9.995	-0.019
7.117	0.233	7.129	0.101	7.139	0.055	7.155	0.297	10.011	0.133	10.027	0.639	10.042	1.086	10.054	1.539
7.170	0.697	7.184	0.960	7.194	1.045	7.200	0.953	10.075	2.026	10.082	2.157	10.090	2.118	10.104	1.627
7.213	0.519	7.226	0.171	7.239	-0.216	7.248	-0.361	10.113	0.925	10.125	0.230	10.139	-0.288	10.145	-0.373
7.266	-0.427	7.279	-0.361	7.292	-0.132	7.303	0.144	10.157	-0.333	10.172	0.450	10.183	-0.384	10.201	-0.180
7.316	0.354	7.325	0.399	7.333	0.320	7.347	0.058	10.222	0.458	10.233	0.905	10.246	1.221	10.259	1.307
7.363	-0.205	7.371	-0.487	7.384	-0.796	7.396	-0.967	10.271	1.131	10.284	0.817	10.295	0.345	10.308	-0.074
7.406	-0.836	7.417	-0.442	7.428	-0.128	7.437	-0.056	10.319	-0.546	10.330	-0.959	10.341	-1.450	10.354	-1.673
7.449	-0.220	7.468	-0.385	7.480	-0.523	7.492	-0.799	10.362	-1.521	10.376	-0.962	10.387	-0.417	10.395	0.141
7.502	-0.878	7.515	-0.728	7.536	-0.052	7.547	0.472	10.403	0.437	10.417	0.602	10.431	0.649	10.439	0.729
7.558	0.852	7.570	0.957	7.579	0.871	7.599	0.411	10.455	0.953	10.469	1.046	10.482	0.909	10.492	0.142
7.607	0.195	7.614	0.135	7.630	0.187	7.636	0.115	10.505	-0.664	10.517	-1.215	10.528	-1.371	10.536	-1.469
7.649	-0.162	7.659	-0.523	7.665	-0.681	7.680	-0.767	10.548	-1.317	10.561	-1.061	10.575	-0.790	10.590	-0.415
7.691	-0.642	7.705	-0.367	7.716	0.006	7.729	0.426	10.601	0.038	10.610	0.531	10.623	0.736	10.636	0.796
7.739	0.767	7.748	0.858	7.755	0.740	7.771	0.234	10.642	0.659	10.654	0.509	10.662	0.516	10.668	0.320
7.792	-0.443	7.805	-0.910	7.820	-1.278	7.831	-1.416	10.682	-0.171	10.695	-0.426	10.712	-0.562	10.728	-0.666
7.840	-1.443	7.846	-1.325	7.854	-1.096	7.866	-0.368	10.738	-0.612	10.764	-0.288	10.780	-0.090	10.807	0.031
7.883	0.294	7.897	0.503	7.915	0.785	7.930	0.981	10.827	0.098	10.848	0.125	10.861	0.061	10.874	-0.030
7.941	1.059	7.953	1.032	7.966	0.959	7.972	0.834	10.892	-0.108	10.907	0.012	10.928	0.368	10.944	0.638
7.989	0.414	7.997	0.275	8.005	0.255	8.025	0.393	10.955	0.757	10.965	0.685	10.975	0.509	10.985	0.372
8.044	0.537	8.056	0.641	8.068	0.805	8.089	0.870	11.001	0.091	11.022	-0.177	11.036	-0.452	11.061	-0.680
8.098	0.811	8.107	0.673	8.122	0.600	8.139	0.554	11.073	-0.633	11.091	-0.409	11.111	-0.256	11.130	-0.091
8.148	0.436	8.164	0.258	8.171	0.120	8.187	0.041	11.150	-0.616	11.172	-0.174	11.184	-0.343	11.200	-0.651
8.202	0.198	8.213	0.211	8.225	0.133	8.238	-0.123	11.217	-0.833	11.228	-1.029	11.245	-0.968	11.259	-0.809
8.248	-0.471	8.255	-0.602	8.264	-0.681	8.274	-0.529	11.271	-0.467	11.286	-0.196	11.297	-0.130	11.324	-0.087
8.291	-0.155	8.304	0.016	8.312	-0.050	8.326	-0.115	11.338	-0.152	11.350	-0.242	11.367	-0.274	11.380	-0.115
8.347	-0.102	8.362	-0.154	8.383	-0.003	8.402	0.221	11.396	0.156	11.421	0.329	11.440	0.567	11.454	0.818
8.420	0.274	8.432	0.340	8.441	0.511	8.452	0.820	11.473	0.945	11.485	0.861	11.505	0.633	11.521	0.588
8.462	1.122	8.470	1.293	8.480	1.365	8.491	1.188	11.543	0.440	11.562	0.443	11.580	0.497	11.594	0.597

11.607	0.631	11.626	0.646	11.632	0.568	11.654	0.288	14.187	0.272	14.201	0.358	14.219	0.484	14.229	0.459
11.664	0.000	11.674	-0.176	11.685	-0.287	11.698	-0.226	14.253	0.493	14.261	0.448	14.280	0.515	14.299	0.536
11.719	-0.093	11.729	-0.269	11.746	-0.471	11.766	-0.482	14.311	0.458	14.322	0.344	14.336	0.263	14.349	0.185
11.780	-0.231	11.796	0.262	11.808	0.533	11.819	0.672	14.367	0.075	14.382	-0.022	14.395	-0.126	14.406	-0.138
11.834	0.450	11.848	0.252	11.869	-0.163	11.885	-0.700	14.421	-0.118	14.430	-0.032	14.440	0.061	14.454	0.213
11.896	-1.231	11.904	-1.604	11.914	-1.721	11.926	-1.500	14.472	0.339	14.485	0.406	14.499	0.288	14.514	0.316
11.941	-0.918	11.956	-0.188	11.969	0.345	11.982	0.766	14.528	0.389	14.541	0.429	14.556	0.345	14.564	0.319
11.992	0.925	12.003	0.939	12.010	0.855	12.025	0.305	14.570	0.248	14.578	0.314	14.587	0.426	14.599	0.493
12.037	-0.094	12.048	-0.251	12.062	-0.387	12.071	-0.491	14.613	0.546	14.627	0.547	14.644	0.516	14.657	0.412
12.081	-0.628	12.087	-0.647	12.103	-0.514	12.115	-0.184	14.674	0.295	14.689	0.204	14.708	0.238	14.728	0.292
12.125	0.138	12.142	0.600	12.155	0.936	12.172	1.325	14.741	0.267	14.751	0.202	14.768	0.302	14.777	0.401
12.183	1.418	12.196	1.249	12.212	0.811	12.225	0.248	14.800	0.639	14.814	0.587	14.824	0.496	14.840	0.412
12.237	-0.190	12.248	-0.274	12.259	-0.319	12.266	-0.173	14.848	0.308	14.871	0.244	14.890	0.245	14.906	0.213
12.280	0.262	12.296	0.658	12.311	1.060	12.322	1.396	14.931	0.235	14.936	0.255	14.949	0.276	14.962	0.316
12.343	0.953	*12.354	0.573	12.362	0.240	12.373	0.110	14.973	0.356	14.988	0.436	15.000	0.496	15.015	0.550
12.381	-0.303	12.389	-0.275	12.396	-0.215	12.410	-0.207	15.031	0.571	15.044	0.466	15.056	0.343	15.068	0.265
12.424	-0.310	12.440	-0.183	12.448	-0.202	12.460	-0.193	15.080	0.161	15.098	0.103	15.110	0.058	15.124	0.033
12.472	-0.244	12.479	-0.066	12.487	-0.060	12.503	0.187	15.139	0.040	15.159	0.042	15.177	0.050	15.197	0.084
12.505	0.318	12.523	0.452	12.524	0.452	12.535	0.375	15.205	0.058	15.220	0.112	15.234	0.251	15.239	0.172
12.540	0.185	12.549	-0.043	12.556	-0.311	12.565	-0.592	15.261	0.095	15.264	-0.023	15.279	-0.140	15.292	-0.296
12.580	-0.892	12.583	-1.239	12.595	-1.435	12.604	-1.486	15.298	-0.447	15.323	-0.465	15.326	-0.491	15.345	-0.365
12.608	-1.426	12.618	-1.326	12.628	-1.220	12.635	-1.088	15.353	-0.338	15.363	-0.455	15.384	-0.486	15.401	-0.433
12.648	-0.942	12.656	-0.763	12.666	-0.558	12.680	-0.340	15.406	-0.472	15.426	-0.352	15.440	-0.260	15.452	-0.246
12.683	-0.208	12.691	-0.109	12.703	-0.041	12.713	-0.000	15.468	-0.179	15.481	-0.021	15.492	0.032	15.511	0.125
12.719	-0.032	12.728	-0.241	12.740	-0.476	12.748	-0.685	15.524	0.073	15.535	0.087	15.544	0.055	15.560	0.075
12.764	-0.781	12.775	-0.865	12.780	-0.857	12.795	-0.783	15.561	0.089	15.576	0.201	15.585	0.313	15.594	0.392
12.808	-0.696	12.809	-0.958	12.814	-0.794	12.822	-0.497	15.608	0.361	15.619	0.250	15.641	0.271	15.653	0.220
12.833	-0.607	12.850	-0.467	12.855	-0.512	12.870	0.041	15.654	0.220	15.670	0.451	15.681	0.649	15.698	0.788
12.873	-0.057	12.884	0.214	12.893	0.504	12.905	0.643	15.712	0.697	15.714	0.664	15.724	0.639	15.739	0.640
12.913	0.795	12.921	0.783	12.933	0.713	12.947	0.623	15.753	0.602	15.770	0.512	15.782	0.408	15.795	0.304
13.011	0.113	13.021	0.095	13.031	0.155	13.040	0.182	15.816	0.174	15.825	0.195	15.844	0.203	15.859	0.126
13.051	0.242	13.066	0.277	13.075	0.324	13.090	0.431	15.877	0.062	15.888	-0.016	15.892	-0.068	15.906	-0.132
13.106	0.288	13.114	0.177	13.127	0.035	13.145	-0.095	15.929	-0.103	15.936	-0.155	15.942	-0.155	15.964	-0.166
13.166	-0.204	13.176	-0.340	13.189	-0.431	13.206	-0.514	15.972	-0.303	15.976	-0.414	15.989	-0.531	16.000	-0.726
13.211	-0.553	13.227	-0.460	13.231	-0.420	13.246	-0.281	16.014	-0.856	16.031	-0.849	16.031	-0.875	16.042	-0.828
13.254	-0.116	13.273	-0.062	13.286	-0.160	13.293	-0.212	16.055	-0.748	16.070	-0.629	16.091	-0.529	16.092	-0.476
13.301	-0.401	13.310	-0.683	13.323	-0.846	13.341	-0.844	16.109	-0.455	16.122	-0.434	16.131	-0.447	16.141	-0.485
13.354	-0.824	13.368	-0.586	13.375	-0.527	13.378	-0.303	16.148	-0.544	16.162	-0.601	16.175	-0.548	16.194	-0.435
13.390	-0.125	13.397	0.132	13.406	0.395	13.421	0.593	16.201	-0.382	16.222	-0.262	16.237	-0.234	16.250	-0.161
13.437	0.777	13.447	0.831	13.448	0.719	13.461	0.576	16.267	-0.074	16.286	-0.033	16.301	-0.072	16.321	-0.017
13.479	0.327	13.493	0.085	13.496	0.086	13.508	0.119	16.338	-0.055	16.340	-0.016	16.358	0.182	16.369	0.203
13.521	0.225	13.533	0.337	13.543	0.515	13.557	0.634	16.389	0.290	16.393	0.264	16.405	0.350	16.417	0.430
13.568	0.740	13.579	0.872	13.601	1.031	13.616	1.052	16.430	0.477	16.441	0.451	16.459	0.373	16.468	0.249
13.623	0.941	13.634	0.811	13.648	0.641	13.658	0.459	16.489	0.139	16.500	-0.012	16.506	-0.116	16.533	-0.207
13.669	0.361	13.680	0.257	13.692	0.160	13.706	-0.036	16.551	-0.225	16.560	-0.251	16.583	-0.171	16.590	-0.118
13.716	-0.193	13.729	-0.375	13.736	-0.539	13.748	-0.616	16.602	-0.137	16.620	-0.163	16.634	-0.195	16.644	-0.300
13.749	-0.616	13.760	-0.622	13.770	-0.490	13.788	-0.324	16.663	-0.529	16.678	-0.627	16.700	-0.718	16.713	-0.809
13.789	-0.219	13.806	-0.152	13.824	-0.058	13.826	-0.143	16.726	-0.907	16.746	-0.926	16.762	-0.873	16.772	-0.781
13.839	-0.241	13.859	-0.317	13.874	-0.428	13.888	-0.558	16.786	-0.663	16.798	-0.596	16.817	-0.635	16.828	-0.641
13.899	-0.701	13.913	-0.726	13.919	-0.778	13.925	-0.764	16.845	-0.634	16.849	-0.640	16.863	-0.554	16.882	-0.462
13.942	-0.664	13.956	-0.512	13.960	-0.367	13.981	-0.280	16.900	-0.343	16.909	-0.251	16.922	-0.171	16.934	-0.184
13.989	-0.279	13.999	-0.246	14.011	-0.146	14.023	-0.008	16.949	-0.203	16.967	-0.222	16.979	-0.163	16.994	-0.063
14.038	0.138	14.052	0.184	14.062	0.165	14.073	0.166	17.010	0.068	17.030	0.102	17.043	0.030	17.054	-0.081
14.088	0.285	14.099	0.247	14.115	0.195	14.125	0.091	17.065	-0.198	17.082	-0.145	17.095	-0.092	17.108	0.007
14.142	0.105	14.153	0.034	14.160	0.100	14.174	0.186	17.121	0.112	17.135	0.205	17.143	0.107	17.160	0.061
								17.175	-0.017	17.185	0.043	17.197	-0.029	17.216	-0.035

17.236	-0.205	17.242	-0.342	17.259	-0.473	17.271	-0.473	20.512	0.177	20.521	0.098	20.540	-0.013	20.566	-0.033
17.282	-0.531	17.289	-0.485	17.301	-0.413	17.316	-0.294	20.580	-0.060	20.590	-0.060	20.602	-0.112	20.619	-0.099
17.328	-0.143	17.344	-0.155	17.356	-0.122	17.371	-0.187	20.629	0.025	20.651	0.163	20.652	0.156	20.669	0.307
17.387	-0.292	17.395	-0.350	17.410	-0.448	17.422	-0.422	20.674	0.326	20.693	0.490	20.701	0.483	20.716	0.483
17.433	-0.402	17.444	-0.303	17.462	-0.211	17.482	-0.211	20.732	0.437	20.746	0.358	20.760	0.312	20.773	0.272
17.475	-0.152	17.503	0.020	17.514	0.033	17.527	0.073	20.783	0.226	20.801	0.218	20.810	0.245	20.824	0.173
17.533	0.099	17.545	0.198	17.565	0.382	17.576	0.428	20.842	0.113	20.854	0.139	20.860	0.119	20.873	0.191
17.586	0.475	17.604	0.331	17.622	0.219	17.638	0.108	20.886	0.257	20.908	0.230	20.908	0.269	20.924	0.275
17.648	0.141	17.655	0.180	17.660	0.239	17.678	0.390	20.933	0.301	20.947	0.327	20.961	0.228	20.972	0.123
17.691	0.482	17.708	0.574	17.727	0.581	17.751	0.555	20.982	0.025	20.998	-0.028	21.008	-0.048	21.022	-0.088
17.759	0.411	17.777	0.280	17.787	0.181	17.806	-0.015	21.037	-0.128	21.054	-0.115	21.067	-0.155	21.078	-0.162
17.824	-0.009	17.844	-0.074	17.856	-0.054	17.882	-0.094	21.088	-0.155	21.107	-0.156	21.125	-0.032	21.136	0.027
17.883	0.090	17.895	0.228	17.906	0.471	17.917	0.524	21.136	0.027	21.159	0.204	21.180	0.077	21.195	0.037
17.930	0.452	17.941	0.432	17.965	0.367	17.982	0.281	21.207	-0.027	21.226	-0.119	21.242	-0.138	21.261	-0.079
17.995	0.203	18.008	0.104	18.022	-0.001	18.039	-0.033	21.273	-0.046	21.278	-0.092	21.304	0.046	21.322	0.099
18.054	0.026	18.067	0.085	18.082	0.138	18.099	0.236	21.338	0.145	21.348	0.178	21.365	0.250	21.379	0.276
18.114	0.348	18.138	0.499	18.155	0.591	18.159	0.519	21.392	0.257	21.397	0.112	21.416	-0.005	21.424	-0.169
18.171	0.552	18.185	0.532	18.207	0.493	18.214	0.460	21.432	-0.195	21.448	-0.097	21.457	-0.090	21.473	-0.064
18.238	0.408	18.240	0.323	18.263	0.257	18.282	0.192	21.486	-0.011	21.509	-0.037	21.520	-0.069	21.538	-0.043
18.295	0.185	18.307	0.212	18.322	0.212	18.330	0.297	21.555	-0.036	21.563	0.017	21.586	-0.029	21.603	-0.055
18.343	0.271	18.364	0.337	18.377	0.363	18.387	0.265	21.614	-0.127	21.631	-0.153	21.650	-0.219	21.669	-0.252
18.400	0.140	18.420	-0.043	18.428	-0.161	18.441	-0.233	21.683	-0.225	21.705	-0.206	21.718	-0.153	21.724	-0.081
18.454	-0.214	18.480	-0.089	18.495	-0.036	18.511	-0.003	21.739	-0.022	21.753	-0.009	21.766	-0.002	21.783	0.076
18.529	-0.069	18.545	-0.029	18.547	0.017	18.555	0.096	21.799	0.057	21.817	-0.002	21.834	-0.015	21.850	-0.048
18.569	0.234	18.586	0.142	18.597	0.057	18.613	-0.088	21.868	-0.080	21.881	-0.106	21.897	-0.165	21.914	-0.191
18.635	-0.167	18.651	-0.186	18.664	-0.147	18.682	-0.062	21.928	-0.013	21.941	0.125	21.958	0.164	21.974	0.237
18.696	0.023	18.719	0.141	18.738	0.226	18.752	0.266	21.990	0.191	22.013	0.192	22.029	0.153	22.048	0.166
18.766	0.279	18.782	0.338	18.805	0.488	18.815	0.390	22.064	-0.134	22.080	-0.010	22.090	-0.128	22.121	-0.172
18.836	0.278	18.844	0.193	18.853	0.088	18.872	0.108	22.136	-0.159	22.151	-0.106	22.170	-0.092	22.184	-0.085
18.891	0.167	18.904	0.200	18.923	0.259	18.936	0.252	22.197	-0.045	22.219	-0.154	22.233	-0.074	22.247	0.009
18.948	0.259	18.965	0.154	18.979	0.055	18.989	0.009	22.261	-0.069	22.278	-0.154	22.289	-0.206	22.305	-0.277
19.006	0.003	19.030	0.023	19.050	0.030	19.083	0.044	22.308	-0.316	22.323	-0.335	22.339	-0.302	22.355	-0.203
19.083	0.012	19.095	-0.054	19.114	-0.086	19.124	-0.112	22.372	-0.078	22.381	-0.018	22.397	0.028	22.410	0.068
19.139	-0.052	19.148	0.007	19.158	-0.071	19.174	-0.130	22.421	0.082	22.436	0.063	22.450	0.129	22.468	0.143
19.187	-0.182	19.194	-0.142	19.208	-0.148	19.208	-0.142	22.484	0.085	22.503	0.007	22.519	-0.052	22.538	-0.058
19.223	-0.075	19.239	-0.008	19.253	0.039	19.275	0.119	22.556	0.042	22.572	0.088	22.589	0.135	22.605	0.149
19.288	0.054	19.312	0.082	19.334	0.136	19.351	0.137	22.615	0.123	22.641	0.216	22.653	0.288	22.671	0.276
19.366	0.112	19.387	0.146	19.416	0.266	19.417	0.246	22.692	0.106	22.701	-0.005	22.715	-0.116	22.730	-0.227
19.434	0.307	19.453	0.367	19.476	0.350	19.497	0.233	22.743	-0.240	22.769	-0.107	22.775	-0.120	22.794	0.012
19.521	0.183	19.537	0.112	19.560	0.061	19.579	-0.029	22.814	0.105	22.827	0.164	22.838	0.198	22.854	0.212
19.608	-0.125	19.626	-0.223	19.666	-0.077	19.681	-0.064	22.867	0.199	22.887	0.148	22.894	0.128	22.909	0.057
19.692	-0.037	19.711	-0.010	19.727	-0.180	19.728	-0.207	22.927	0.005	22.934	-0.080	22.962	-0.045	22.974	-0.019
19.736	-0.246	19.748	-0.357	19.768	-0.350	19.791	-0.270	22.994	0.048	23.014	0.101	23.015	0.101	23.027	0.128
19.807	-0.230	19.825	-0.480	19.830	-0.526	19.849	-0.513	23.054	0.261	23.074	0.196	23.078	0.137	23.099	0.138
19.857	-0.539	19.867	-0.415	19.879	-0.349	19.893	-0.257	23.113	0.171	23.127	0.139	23.147	0.159	23.171	0.193
19.917	-0.153	19.934	-0.074	19.942	-0.081	19.956	-0.015	23.190	0.181	23.204	0.273	23.220	0.320	23.234	0.321
19.970	-0.009	19.985	-0.015	20.000	-0.015	20.015	-0.002	23.250	0.321	23.253	0.276	23.266	0.171	23.285	0.120
20.029	-0.015	20.039	-0.008	20.062	0.130	20.075	0.177	23.307	0.055	23.319	0.016	23.335	0.030	23.348	0.064
20.096	0.197	20.113	0.164	20.115	0.092	20.132	0.152	23.359	0.110	23.370	0.144	23.375	0.085	23.393	0.059
20.144	0.211	20.157	0.277	20.180	0.317	20.185	0.166	23.413	0.015	23.428	-0.004	23.440	0.063	23.454	0.078
20.205	0.154	20.226	0.062	20.242	0.102	20.253	0.128	23.462	0.137	23.479	0.093	23.492	0.074	23.504	0.121
20.263	0.116	20.287	0.208	20.294	0.280	20.297	0.169	23.513	0.129	23.514	0.129	23.535	0.223	23.553	0.244
20.312	0.130	20.320	0.045	20.333	-0.053	20.355	-0.092	23.563	0.140	23.567	0.042	23.585	-0.022	23.608	-0.027
20.363	-0.145	20.376	-0.249	20.385	-0.288	20.389	-0.301	23.631	-0.051	23.639	-0.096	23.654	-0.127	23.672	-0.034
20.407	-0.209	20.420	-0.117	20.434	-0.012	20.448	-0.012	23.702	0.173	23.705	0.108	23.731	0.136	23.744	0.105
20.461	0.033	20.465	-0.013	20.486	0.178	20.498	0.184	23.757	0.106	23.768	0.042	23.781	0.023	23.807	-0.027

23.831	-0.130	23.844	-0.103	23.854	-0.115	23.867	-0.074	28.716	0.085	28.716	0.086	28.748	0.068	28.765	0.070
23.884	0.045	23.908	0.113	23.917	0.022	23.940	0.089	28.797	0.112	28.833	0.266	28.865	0.295	28.903	0.134
23.959	0.071	23.976	0.026	23.984	0.007	24.002	-0.083	28.940	0.038	28.965	-0.006	28.986	-0.024	29.010	0.005
24.024	-0.114	24.040	-0.106	24.051	-0.124	24.062	-0.084	29.038	0.027	29.065	0.007	29.095	0.007	29.111	-0.017
24.078	-0.003	24.092	0.103	24.112	0.098	24.131	0.054	29.128	-0.101	29.150	-0.125	29.186	-0.101	29.210	-0.000
24.135	0.068	24.151	0.010	24.178	-0.053	24.202	-0.017	29.233	0.061	29.259	0.051	29.290	-0.025	29.324	-0.060
24.214	-0.062	24.231	-0.015	24.249	0.105	24.266	0.020	29.343	-0.098	29.359	-0.083	29.386	-0.027	29.409	0.021
24.284	0.227	24.304	0.196	24.304	0.196	24.321	0.021	29.427	0.029	29.449	0.005	29.481	-0.097	29.514	-0.126
24.344	0.023	24.366	0.077	24.380	-0.020	24.409	0.029	29.544	-0.136	29.586	-0.060	29.608	-0.058	29.636	-0.068
24.419	-0.016	24.443	0.032	24.456	0.076	24.457	0.040	29.660	-0.118	29.683	-0.188	29.701	-0.187	29.748	-0.057
24.481	0.101	24.495	0.129	24.456	0.076	24.517	0.006	29.783	0.005	29.811	-0.025	29.843	-0.074	29.873	-0.091
24.541	-0.044	24.553	-0.122	24.573	-0.107	24.607	-0.110	29.906	-0.094	29.936	-0.026	29.967	0.063	29.987	0.111
24.618	-0.195	24.642	-0.166	24.658	-0.139	24.676	-0.058	30.010	-0.093	30.038	-0.003	30.066	-0.014	30.090	-0.012
24.692	-0.083	24.719	-0.074	24.733	-0.034	24.749	-0.137	30.111	-0.010	30.143	0.032	30.177	0.048	30.203	0.043
24.761	-0.116	24.775	-0.115	24.787	-0.101	24.801	-0.047	30.221	-0.028	30.247	0.118	30.273	-0.162	30.296	-0.147
24.814	0.006	24.829	0.060	24.846	0.107	24.865	0.095	30.339	-0.033	30.368	-0.005	30.396	-0.036	30.427	-0.079
24.884	0.083	24.906	0.072	24.921	0.086	24.940	0.034	30.459	-0.129	30.492	-0.140	30.525	-0.124	30.560	-0.114
24.956	0.081	24.970	0.089	24.984	0.096	25.000	0.124	30.597	-0.046	30.620	-0.037	30.645	-0.114	30.675	-0.177
25.014	0.164	*25.025	0.210	25.033	0.191	25.040	0.159	30.699	-0.174	30.725	-0.126	30.748	-0.039	30.765	-0.011
25.054	0.101	25.083	-0.003	25.104	-0.008	25.121	-0.053	30.821	-0.035	30.852	-0.046	30.835	-0.058	30.877	-0.107
25.146	-0.098	25.164	-0.103	25.196	-0.049	25.234	0.039	30.904	-0.106	30.937	-0.038	30.965	0.049	30.995	0.018
25.246	0.021	25.271	-0.102	25.288	-0.173	25.320	-0.203	31.028	0.000	31.065	-0.031	31.104	0.023	31.144	0.071
25.346	-0.201	25.368	-0.120	25.394	-0.092	25.410	0.172	31.176	-0.072	31.211	0.054	31.236	0.009	31.271	-0.056
25.425	0.193	25.444	0.130	25.464	-0.006	25.486	0.115	31.286	-0.055	31.321	0.031	31.348	0.058	31.386	-0.006
25.506	-0.133	25.527	-0.032	25.543	0.094	25.561	0.274	31.412	-0.025	31.440	-0.084	31.465	-0.089	31.503	-0.036
25.583	0.440	25.604	0.482	25.625	0.431	25.647	0.211	31.531	0.024	31.547	0.024	31.583	-0.067	31.616	-0.119
25.666	0.055	25.686	0.058	25.726	0.128	25.749	0.058	31.648	-0.079	31.691	0.020	31.715	0.041	31.737	0.041
25.769	0.074	25.788	0.089	25.812	0.039	25.837	0.010	31.765	-0.011	31.795	-0.057	31.830	-0.043	31.852	-0.042
25.864	-0.027	25.893	-0.161	25.909	-0.251	25.929	-0.262	31.879	-0.048	31.921	0.058	31.943	0.059	31.975	0.007
25.954	-0.154	25.967	-0.100	25.997	-0.097	26.020	-0.107	32.007	-0.019	32.034	0.061	32.064	0.128	32.093	0.168
26.047	-0.104	26.075	-0.094	26.097	-0.151	26.111	-0.222	32.112	0.169	32.133	0.169	32.154	0.144	32.180	0.072
26.127	-0.226	26.152	-0.086	26.175	0.048	26.189	0.070	32.211	0.008	32.242	0.054	32.268	0.121	32.294	-0.160
26.210	0.046	26.235	0.056	26.266	0.112	26.286	0.082	32.304	0.048	32.334	0.083	32.366	0.025	32.394	-0.021
26.315	0.040	26.344	0.024	26.365	0.007	26.391	0.096	32.425	-0.079	32.461	-0.052	32.489	-0.045	32.520	-0.037
26.420	0.139	26.443	0.096	26.467	0.021	26.492	-0.048	32.555	-0.102	32.586	-0.134	32.624	-0.172	32.650	-0.125
26.507	-0.078	26.534	-0.108	26.557	-0.131	26.583	-0.094	32.671	-0.026	32.697	0.060	32.732	0.023	32.758	0.004
26.603	-0.013	26.621	0.029	26.641	-0.021	26.668	-0.162	32.794	-0.041	32.813	-0.079	32.840	0.001	32.869	0.054
26.691	-0.277	26.715	-0.274	26.742	-0.153	26.771	-0.005	32.895	0.075	32.920	0.024	32.947	-0.067	32.977	-0.125
26.796	0.024	26.824	0.002	26.845	-0.035	26.870	-0.124	33.006	-0.071	33.038	-0.018	33.065	-0.024	33.102	-0.095
26.899	-0.166	26.921	-0.111	26.960	0.051	26.993	0.114	33.139	-0.173	33.175	-0.257	33.203	-0.296	33.231	-0.197
27.017	0.163	27.032	0.112	27.061	-0.108	27.087	-0.045	33.263	-0.117	33.289	-0.117	33.310	-0.116	33.327	-0.096
27.117	0.030	27.141	-0.026	27.166	-0.076	27.189	-0.106	33.355	-0.135	33.382	-0.121	33.408	-0.042	33.442	0.039
27.218	-0.181	27.248	-0.172	27.283	-0.142	27.311	-0.099	33.476	0.027	33.500	-0.012	33.524	-0.011	33.554	0.023
27.335	-0.071	27.358	-0.127	27.381	-0.217	27.400	-0.215	33.585	0.077	33.616	0.059	33.641	0.086	33.664	0.094
27.401	-0.221	27.418	-0.114	27.445	0.027	27.484	0.038	33.685	0.049	33.702	-0.023	33.728	-0.120	33.748	-0.120
27.512	0.041	27.542	-0.074	27.557	-0.098	27.595	-0.035	33.772	-0.119	33.784	-0.118	33.802	-0.117	33.823	-0.104
27.618	0.066	27.652	0.162	27.682	0.158	27.706	0.128	33.847	-0.103	33.874	-0.148	33.908	-0.207	33.943	-0.265
27.730	-0.014	27.755	-0.188	27.779	-0.219	27.804	-0.190	33.971	-0.205	33.997	-0.152	34.019	-0.119	34.045	-0.145
27.835	-0.127	27.853	-0.092	27.882	-0.050	27.901	-0.068	34.068	-0.145	34.087	-0.125	34.108	-0.111	34.128	-0.072
27.929	-0.189	27.959	-0.258	27.989	-0.262	28.014	-0.193	34.153	-0.026	34.179	0.034	34.203	0.060	34.222	0.054
28.049	-0.032	28.079	0.109	28.093	0.111	28.118	-0.037	34.253	0.054	34.259	0.054	34.267	0.054	34.293	-0.005
28.139	-0.094	28.174	-0.044	28.205	0.012	28.234	0.035	34.318	-0.024	34.339	0.015	34.362	-0.004	34.381	-0.011
28.258	0.032	28.287	0.022	28.312	-0.008	28.334	-0.111	34.399	-0.004	34.432	-0.030	34.466	-0.082	34.489	-0.081
28.362	-0.186	28.394	-0.143	28.428	-0.113	28.460	-0.077	34.509	-0.081	34.524	-0.081	34.548	-0.120	34.574	-0.152
28.490	-0.100	28.525	-0.109	28.549	-0.153	28.565	-0.171	34.599	-0.145	34.634	-0.099	34.665	-0.065	34.694	-0.032
28.592	-0.063	28.626	0.052	28.666	0.121	28.685	0.116	34.718	-0.032	34.745	-0.077	34.772	-0.083	34.805	-0.024

34.842	0.075	34.868	0.096	34.895	0.083	34.924	0.096	38.979	-0.165	38.992	-0.112	39.004	-0.039	39.013	-0.018
34.940	0.097	34.958	0.044	34.984	-0.001	35.009	0.045	39.024	0.002	39.038	-0.004	39.052	-0.010	39.067	-0.042
35.030	0.072	35.060	0.039	35.092	-0.020	35.125	-0.059	39.082	-0.094	39.093	-0.100	39.106	-0.092	39.118	-0.072
35.164	-0.104	35.190	-0.144	35.216	-0.183	35.246	-0.137	39.134	-0.045	39.148	-0.012	39.164	-0.002	39.180	-0.016
35.268	-0.149	35.299	-0.182	35.327	-0.096	35.352	-0.077	39.199	-0.004	39.213	-0.002	39.227	-0.034	39.241	-0.053
35.378	-0.109	35.413	-0.142	35.446	-0.108	35.476	-0.041	39.255	-0.039	39.269	-0.012	39.283	0.015	39.299	0.036
35.537	0.039	35.573	0.059	35.610	0.060	35.644	0.061	39.315	0.037	39.329	0.024	39.339	0.012	39.351	0.026
35.670	0.061	35.685	0.061	35.700	0.062	35.727	0.062	39.361	0.053	39.371	0.079	39.381	0.087	39.390	0.067
35.756	0.030	35.781	-0.003	35.805	0.004	35.833	0.017	39.399	0.042	39.414	-0.041	39.464	-0.117	39.474	-0.136
35.873	0.003	35.897	-0.004	35.927	-0.017	35.952	-0.051	39.484	-0.148	39.497	-0.134	39.508	-0.087	39.518	-0.066
35.985	-0.077	36.013	-0.091	36.036	-0.019	36.053	0.020	39.525	-0.052	39.537	-0.064	39.549	-0.076	39.563	-0.035
36.080	0.019	36.105	0.012	36.127	0.018	36.147	0.017	39.571	-0.035	39.583	0.005	39.592	0.026	39.604	0.021
36.169	0.017	36.182	0.016	36.203	0.016	36.222	0.016	39.618	-0.024	39.646	-0.119	39.657	-0.131	39.666	-0.137
36.253	0.015	36.291	0.048	36.323	0.048	36.346	0.047	39.679	-0.122	39.697	-0.121	39.716	-0.125	39.729	-0.111
36.362	0.047	36.381	0.034	36.409	0.014	36.439	-0.012	39.746	-0.056	39.758	-0.029	39.773	-0.021	39.788	-0.026
36.463	-0.031	36.492	-0.037	36.514	-0.043	36.539	-0.056	39.799	-0.044	39.812	-0.036	39.823	-0.002	39.840	0.046
36.570	-0.062	36.605	-0.055	36.628	-0.048	36.649	-0.047	39.851	0.080	39.863	0.061	39.877	0.036	39.889	0.005
36.667	-0.046	36.693	-0.006	36.709	-0.005	36.730	-0.018	39.907	-0.019	39.920	-0.018	39.938	-0.023	39.945	-0.048
36.751	-0.076	36.766	-0.135	36.782	-0.167	36.811	-0.140	39.958	-0.073	39.973	-0.098	39.988	-0.096	40.001	-0.095
36.836	-0.035	36.863	0.064	36.887	0.130	36.910	0.111	40.013	-0.067	40.032	-0.013	40.047	0.014	40.058	0.035
36.939	0.098	36.968	0.000	36.994	-0.144	37.017	-0.202	40.071	0.042	40.084	-0.037	40.100	-0.019	40.129	-0.032
37.047	-0.084	37.070	0.081	37.088	0.173	37.120	0.009	40.154	-0.062	40.171	-0.100	40.182	-0.126	40.189	-0.132
37.144	-0.095	37.167	-0.167	37.182	-0.213	37.202	-0.134	40.200	-0.124	40.210	-0.084	40.219	-0.031	40.232	0.009
37.232	0.091	37.261	0.125	37.285	0.100	37.317	0.075	40.244	0.030	40.256	0.044	40.274	0.045	40.294	0.033
37.344	0.031	37.366	0.019	37.384	-0.046	37.408	-0.097	40.310	0.014	40.317	-0.005	40.332	-0.070	40.342	-0.108
37.442	-0.023	37.466	0.018	37.494	-0.079	37.526	-0.156	40.352	-0.127	40.361	-0.120	40.371	-0.093	40.384	-0.040
37.564	-0.029	37.601	-0.119	37.639	-0.064	37.665	-0.010	40.403	0.001	40.416	0.041	40.435	0.056	40.452	0.063
37.680	0.004	37.693	0.031	37.703	-0.002	37.709	-0.028	40.469	0.058	40.482	0.046	40.495	0.021	40.512	-0.004
*37.717	-0.053	37.725	-0.105	37.733	-0.138	37.741	-0.157	40.526	-0.030	40.539	-0.029	40.556	-0.008	40.572	0.007
37.747	-0.144	37.752	-0.124	37.781	0.029	37.791	0.095	40.596	0.008	40.617	0.017	40.637	0.012	40.656	0.014
37.796	0.122	37.802	0.135	37.809	0.136	37.818	0.130	40.674	-0.017	40.692	-0.042	40.711	-0.060	40.727	-0.059
37.829	0.111	37.838	0.065	37.845	0.020	37.853	-0.065	40.740	-0.044	40.756	-0.017	40.769	-0.009	40.786	-0.014
37.869	-0.169	37.876	-0.201	37.883	-0.214	37.891	-0.194	40.802	-0.006	40.819	0.022	40.831	0.043	40.841	0.037
37.901	-0.127	37.917	-0.041	37.921	-0.021	37.930	0.006	40.853	0.038	40.864	-0.007	40.879	-0.038	40.895	-0.076
37.941	0.013	37.951	0.020	37.960	0.034	37.968	0.054	40.905	-0.082	40.921	-0.061	40.937	-0.046	40.961	-0.031
37.976	0.088	37.983	0.121	37.989	0.148	37.994	0.161	40.992	-0.028	41.008	-0.014	41.021	0.027	41.037	0.049
38.003	0.162	38.025	0.150	38.039	0.145	38.046	0.139	41.053	0.050	41.069	0.019	41.091	-0.031	41.110	-0.081
38.054	0.119	38.062	0.087	38.081	-0.023	38.086	-0.069	41.120	-0.094	41.135	-0.085	41.152	-0.064	41.176	-0.028
38.101	-0.113	38.112	-0.139	38.120	-0.145	38.148	-0.162	41.202	0.007	41.219	0.016	41.235	0.018	41.245	-0.000
38.159	-0.148	38.169	-0.135	38.180	-0.108	38.186	-0.087	41.255	-0.032	41.268	-0.036	41.285	-0.060	41.300	-0.078
38.194	-0.093	38.204	-0.106	38.217	-0.105	38.225	-0.097	41.318	-0.082	41.330	-0.074	41.350	-0.038	41.373	-0.022
38.236	-0.090	38.244	-0.069	38.255	-0.068	38.263	-0.080	41.398	-0.005	41.417	0.004	41.434	-0.000	41.446	-0.025
38.269	-0.106	38.282	-0.157	38.289	-0.170	38.295	-0.169	41.461	-0.056	41.475	-0.080	41.489	-0.091	41.511	-0.102
38.303	-0.155	38.313	-0.148	38.321	-0.094	38.330	-0.061	41.541	-0.104	41.576	-0.106	41.601	-0.116	41.619	-0.094
38.339	-0.053	38.348	-0.039	38.359	-0.032	38.372	-0.010	41.639	-0.059	41.660	-0.031	41.682	-0.008	41.700	0.000
38.381	0.010	38.398	0.025	38.408	0.039	38.419	0.033	41.722	0.003	41.741	-0.002	41.760	-0.012	41.780	-0.023
38.431	0.015	38.443	-0.010	38.453	-0.049	38.466	-0.041	41.797	-0.035	41.812	-0.026	41.831	-0.011	41.855	-0.001
38.478	-0.033	38.487	-0.013	38.497	0.008	38.506	0.008	41.870	0.020	41.890	0.042	41.903	0.051	41.918	0.046
38.516	-0.004	38.528	-0.042	38.535	-0.048	38.543	-0.034	41.931	0.008	41.945	-0.016	41.961	-0.041	41.970	-0.053
38.550	0.006	38.569	0.099	38.580	0.133	38.590	0.147	41.992	-0.056	42.014	-0.054	42.063	-0.035	42.087	-0.032
38.598	0.135	38.617	0.084	38.637	0.039	38.664	-0.031	42.102	-0.036	42.122	-0.054	42.158	-0.102	42.185	-0.118
38.683	-0.095	38.702	-0.113	38.728	-0.164	38.752	-0.169	42.201	-0.110	42.222	-0.094	42.241	-0.033	42.257	-0.049
38.765	-0.174	38.774	-0.160	38.782	-0.121	38.799	-0.034	42.274	0.010	42.294	0.013	42.310	-0.038	42.325	-0.041
38.809	0.019	38.817	0.040	38.825	0.040	38.831	0.027	42.345	-0.041	42.363	-0.025	42.386	-0.010	42.417	-0.012
38.841	-0.011	38.861	-0.069	38.881	-0.087	38.900	-0.112	42.454	0.019	42.485	0.023	42.497	0.011	42.512	-0.006
38.924	-0.169	38.939	-0.207	38.952	-0.200	38.966	-0.192	42.536	-0.049	42.552	-0.060	42.582	-0.056	42.607	-0.053

42.627	-0.063	42.646	-0.080	42.661	-0.091	42.680	-0.063	47.491	-0.097	47.531	-0.130	47.561	-0.117	47.578	-0.117
42.702	-0.066	42.714	-0.077	42.726	-0.102	42.735	-0.120	47.595	-0.078	47.614	-0.052	47.637	-0.038	47.681	-0.058
42.745	-0.119	42.757	-0.098	42.777	-0.042	42.791	-0.021	47.726	-0.065	47.760	-0.045	47.796	-0.012	47.831	-0.012
42.809	0.001	42.824	-0.003	42.846	-0.000	42.860	-0.012	47.863	-0.011	47.890	-0.024	47.916	-0.024	47.952	-0.016
42.874	-0.029	42.890	-0.041	42.903	-0.032	42.919	-0.010	47.983	-0.016	48.006	-0.022	48.029	-0.047	48.054	-0.085
42.931	0.017	42.946	0.019	42.986	0.012	43.004	0.001	48.073	-0.117	48.096	-0.116	48.121	-0.102	48.143	-0.087
43.014	-0.018	43.023	-0.036	43.035	-0.067	43.048	-0.072	48.160	-0.054	48.181	-0.040	48.197	-0.052	48.218	-0.070
43.072	-0.062	43.096	-0.079	43.113	-0.083	43.123	-0.062	48.239	-0.076	48.276	-0.073	48.320	-0.064	48.358	-0.043
43.138	-0.021	43.154	-0.006	43.168	-0.017	43.182	-0.035	48.386	-0.033	48.406	-0.032	48.419	-0.038	48.446	-0.110
43.222	-0.161	43.242	-0.192	43.255	-0.197	43.270	-0.189	48.531	-0.051	48.573	-0.068	48.607	-0.086	48.644	-0.110
43.287	-0.167	43.317	-0.072	43.335	-0.011	43.345	0.010	48.673	-0.102	48.712	-0.106	48.763	-0.103	48.789	-0.089
43.361	-0.007	43.378	-0.025	43.410	-0.074	43.430	-0.079	48.817	-0.061	48.840	-0.034	48.864	-0.006	48.888	0.014
43.449	-0.090	43.468	-0.068	43.480	-0.047	43.496	0.007	48.915	0.002	48.943	0.016	48.978	0.044	49.006	0.045
43.515	0.067	43.535	0.115	43.552	0.130	43.568	0.145	49.026	0.078	49.057	0.072	49.091	0.066	49.122	0.034
43.577	0.126	43.587	0.107	43.598	0.056	43.615	-0.015	49.151	0.021	49.186	0.009	49.203	-0.024	49.223	-0.023
43.626	-0.020	43.640	-0.025	43.677	-0.002	43.721	0.042	49.257	0.004	49.287	-0.014	49.308	-0.040	49.332	-0.052
43.733	0.056	43.745	0.051	43.758	0.032	43.789	-0.050	49.364	-0.051	49.396	-0.044	49.420	-0.023	49.445	0.004
43.809	-0.094	43.824	-0.119	43.837	-0.124	43.860	-0.102	49.473	0.025	49.508	0.040	49.547	0.035	49.602	0.037
43.879	-0.081	43.905	-0.046	43.924	-0.031	43.945	-0.042	49.659	0.058	49.684	0.059	49.699	0.039	49.710	0.013
43.958	-0.080	43.976	-0.112	43.958	-0.110	44.021	-0.088	49.732	-0.019	49.749	-0.018	49.782	-0.031	49.804	-0.030
44.046	-0.053	44.070	-0.005	44.091	0.017	44.101	0.018	49.818	-0.010	49.835	-0.003	49.851	-0.016	49.871	-0.081
44.114	-0.001	44.126	-0.013	44.148	-0.024	44.177	-0.028	49.888	-0.113	49.904	-0.113	49.929	-0.119	49.948	-0.112
44.206	-0.032	44.256	-0.001	44.311	0.011	44.338	0.014	49.968	-0.085	49.985	-0.052	50.006	-0.032	50.024	-0.018
44.354	-0.004	44.377	-0.035	44.395	-0.059	44.408	-0.064	50.056	-0.030	50.081	-0.056	50.102	-0.048	50.125	-0.015
44.429	-0.049	44.456	-0.047	44.478	-0.052	44.496	-0.070	50.158	-0.007	50.182	0.007	50.207	0.014	50.228	0.021
44.515	-0.094	44.537	-0.092	44.554	-0.078	44.576	-0.036	50.251	0.022	50.274	0.003	50.299	-0.023	50.333	-0.016
44.601	-0.001	44.623	0.020	44.641	0.028	44.662	0.010	50.362	-0.008	50.380	-0.008	50.403	-0.020	50.421	-0.033
44.673	-0.009	44.687	-0.001	44.707	0.027	44.738	0.081	50.448	-0.032	50.466	-0.044	50.485	-0.037		
44.765	0.103	44.793	0.112	44.803	0.086	44.819	0.055								
44.835	0.016	44.847	0.011	44.912	-0.010	44.946	-0.027								
44.982	-0.037	45.005	-0.055	45.020	-0.073	45.035	-0.092								
45.051	-0.110	45.087	-0.107	45.126	-0.096	45.148	-0.088								
45.157	-0.067	45.185	-0.071	45.209	-0.083	45.243	-0.087								
45.264	-0.079	45.286	-0.064	45.304	-0.043	45.319	-0.016								
45.338	0.011	45.353	0.032	45.365	0.059	45.380	0.053								
45.392	0.041	45.403	0.002	45.420	-0.029	45.437	-0.041								
45.449	-0.027	45.468	0.001	45.482	0.015	45.496	0.003								
45.513	-0.015	45.535	-0.026	45.577	-0.043	45.593	-0.061								
45.623	-0.071	45.665	-0.066	45.723	-0.072	45.762	-0.075								
45.781	-0.053	45.803	-0.031	45.820	-0.009	45.838	0.006								
45.859	0.021	45.888	0.010	45.925	0.007	45.949	0.016								
45.972	0.037	45.994	0.059	46.012	0.060	46.029	0.048								
46.052	0.030	46.071	-0.001	46.091	-0.020	46.113	-0.031								
46.155	-0.022	46.180	-0.027	46.194	-0.039	46.214	-0.051								
46.245	-0.068	46.269	-0.106	46.293	-0.130	46.317	-0.109								
46.340	-0.101	46.362	-0.073	46.379	-0.058	46.400	-0.070								
46.418	-0.082	46.440	-0.080	46.463	-0.058	46.490	-0.030								
46.514	-0.002	46.530	-0.007	46.569	-0.004	46.612	-0.000								
46.638	-0.019	46.680	-0.023	46.729	-0.033	46.763	-0.051								
46.791	-0.071	46.809	-0.061	46.832	-0.021	46.851	-0.034								
46.868	-0.040	46.881	-0.079	46.899	-0.085	46.943	-0.077								
47.000	-0.075	47.048	-0.060	47.097	-0.039	47.118	-0.051								
47.136	-0.070	47.158	-0.070	47.178	-0.049	47.204	-0.015								
47.225	-0.009	47.246	-0.008	47.268	-0.028	47.287	-0.060								
47.306	-0.073	47.327	-0.066	47.355	-0.052	47.388	-0.026								
47.406	-0.019	47.425	-0.052	47.445	-0.071	47.461	-0.084								

IR254

71.201 2/9/71 0600PST L.A. 533 S. FREMONT AVE. 6TH FL. UP

3695 POINTS 50.700 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2247 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.007	0.010	-0.183	0.023	-0.341	0.033	-0.420	1.803	0.096	1.817	0.166	1.829	0.231	1.842	0.161
0.041	-0.446	0.055	-0.214	0.070	0.010	0.085	0.221	1.857	0.073	1.869	-0.037	1.882	-0.173	1.890	-0.291
0.098	0.304	0.108	-0.229	0.119	0.080	0.135	-0.034	1.903	-0.344	1.913	-0.331	1.925	-0.296	1.935	-0.213
0.141	-0.139	0.151	-0.275	0.163	-0.336	0.174	-0.271	1.944	-0.081	1.959	0.011	1.970	0.041	1.985	0.098
0.182	-0.205	0.193	-0.069	0.206	0.080	0.215	0.150	1.999	0.098	2.013	0.080	2.021	0.027	2.031	-0.117
0.225	-0.172	0.235	-0.115	0.247	-0.003	0.257	-0.078	2.046	-0.214	2.055	-0.346	2.065	-0.381	2.074	-0.285
0.267	-0.148	0.276	-0.083	0.286	0.053	0.295	0.132	2.085	-0.136	2.090	-0.096	2.094	-0.039	2.101	0.017
0.307	0.171	0.318	0.193	0.328	0.171	0.337	0.140	2.109	0.039	2.117	0.030	2.121	0.013	2.129	-0.001
0.347	0.004	0.356	-0.106	0.362	-0.268	0.374	-0.426	2.139	0.017	2.151	0.030	2.159	0.021	2.168	-0.010
0.385	-0.435	0.394	-0.422	0.402	-0.352	0.413	-0.207	2.181	-0.037	2.191	-0.041	2.199	-0.037	2.211	-0.046
0.423	-0.006	0.434	0.113	0.444	0.156	0.454	0.156	2.223	-0.020	2.232	0.032	2.241	0.063	2.247	0.032
0.468	0.094	0.482	0.002	0.491	-0.086	0.502	-0.126	2.254	-0.008	2.258	-0.056	2.261	-0.096	2.267	0.131
0.510	-0.069	0.520	0.041	0.531	0.110	0.540	0.141	2.277	-0.149	2.290	-0.145	2.298	-0.119	2.308	-0.045
0.560	0.066	0.570	-0.053	0.585	-0.167	0.596	-0.264	2.314	0.017	2.323	0.108	2.329	0.196	2.334	0.266
0.607	-0.356	0.616	-0.396	0.627	-0.317	0.638	-0.172	2.342	0.305	2.346	0.219	2.355	0.195	2.360	0.098
0.649	-0.036	0.658	0.108	0.669	0.231	0.679	0.314	2.369	0.041	2.380	-0.016	2.393	-0.069	2.396	-0.083
0.689	0.340	0.700	0.248	0.711	0.121	0.725	0.015	2.404	-0.057	2.415	0.004	2.420	0.031	2.425	0.026
0.738	-0.033	0.752	-0.077	0.764	-0.024	0.778	0.032	2.430	-0.001	2.436	-0.036	2.440	-0.097	2.446	-0.146
0.832	-0.047	0.841	0.050	0.851	0.080	0.860	0.155	2.450	-0.177	2.455	-0.164	2.462	-0.107	2.473	-0.028
0.874	-0.080	0.887	0.023	0.899	-0.047	0.913	-0.104	2.510	-0.139	2.515	-0.105	2.526	-0.052	2.531	-0.018
0.925	-0.183	0.933	-0.183	0.941	-0.121	0.956	-0.064	2.538	-0.005	2.543	0.008	2.550	0.056	2.555	0.122
0.972	-0.056	0.984	-0.016	0.992	0.019	1.006	-0.038	2.560	0.196	2.565	0.235	2.570	0.222	2.577	0.191
1.017	-0.060	1.029	-0.069	1.039	0.005	1.050	0.102	2.584	0.156	2.594	0.177	2.604	0.203	2.612	0.172
1.062	0.023	1.077	-0.043	1.089	-0.035	1.100	-0.136	2.617	0.097	2.623	0.036	2.626	-0.017	2.628	-0.096
1.110	-0.215	1.121	-0.193	1.131	-0.184	1.144	-0.224	2.633	-0.162	2.635	-0.241	2.639	-0.316	2.642	-0.381
1.160	-0.198	1.173	-0.171	1.187	-0.150	1.199	-0.137	2.645	-0.478	2.650	-0.557	2.652	-0.614	2.660	-0.632
1.206	-0.045	1.216	0.135	1.225	0.288	1.241	0.301	2.666	-0.575	2.673	-0.484	2.680	-0.344	2.686	-0.173
1.250	0.279	1.259	0.191	1.270	0.090	1.280	0.025	2.691	-0.068	2.693	0.088	2.699	0.177	2.702	0.295
1.298	-0.012	1.311	0.040	1.319	-0.013	1.331	-0.026	2.710	0.409	2.714	0.483	2.728	0.537	2.741	0.614
1.340	-0.053	1.356	-0.171	1.364	-0.119	1.375	0.074	2.745	0.574	2.751	0.526	2.755	0.451	2.763	0.337
1.386	0.078	1.393	0.134	1.408	0.099	1.419	0.059	2.770	0.218	2.777	0.077	2.779	0.010	2.785	-0.098
1.432	-0.073	1.441	-0.196	1.455	-0.328	1.467	-0.267	2.790	-0.213	2.794	-0.331	2.801	-0.437	2.807	-0.516
1.482	-0.167	1.488	-0.154	1.497	-0.141	1.505	-0.080	2.813	-0.538	2.824	-0.499	2.833	-0.411	2.842	-0.298
1.514	-0.018	1.533	-0.063	1.541	0.016	1.553	0.120	2.850	-0.153	2.858	-0.022	2.866	0.066	2.877	0.131
1.567	0.190	1.580	0.212	1.591	0.172	1.604	0.079	2.892	0.153	2.900	0.231	2.906	0.323	2.913	0.371
1.615	0.009	1.628	-0.048	1.642	-0.176	1.651	-0.312	2.921	-0.165	2.927	0.257	2.930	0.196	2.934	0.068
1.663	-0.356	1.669	-0.295	1.679	-0.177	1.692	-0.090	2.940	-0.011	2.950	-0.095	2.956	-0.196	2.964	-0.275
1.701	-0.046	1.711	-0.108	1.731	-0.178	1.743	-0.113	2.972	-0.358	2.982	-0.420	2.992	-0.394	3.005	-0.342
1.753	-0.043	1.766	-0.026	1.776	0.040	1.794	0.096	3.012	-0.272	3.022	-0.180	3.030	-0.088	3.035	0.022

3.041	0.105	3.047	0.188	3.052	0.228	3.057	0.210	4.873	-0.356	4.880	-0.203	4.884	-0.098	4.893	0.038
3.064	0.157	3.070	0.065	3.073	-0.031	3.078	-0.110	4.904	0.174	4.914	0.226	4.922	0.182	4.928	0.120
3.081	0.185	3.086	0.246	3.096	0.308	3.103	0.255	4.932	0.050	4.942	0.143	4.948	0.187	4.958	0.117
3.108	-0.172	3.120	-0.040	3.127	-0.010	3.138	-0.010	4.968	-0.021	4.981	-0.041	5.001	-0.031	5.007	-0.035
3.147	-0.041	3.152	-0.102	3.160	-0.168	3.168	-0.273	5.019	-0.237	5.027	-0.391	5.057	-0.475	5.067	-0.445
3.174	-0.304	3.184	-0.269	3.192	-0.199	3.202	-0.164	5.083	-0.331	5.105	-0.091	5.115	0.001	5.132	0.070
3.213	-0.182	3.225	-0.217	3.242	-0.208	3.253	-0.178	5.144	0.166	5.154	0.332	5.163	0.560	5.174	0.656
3.257	-0.121	3.265	-0.068	3.270	-0.024	3.276	0.055	5.182	0.638	5.192	0.568	5.200	0.488	5.206	0.387
3.284	0.142	3.288	0.221	3.295	0.300	3.306	0.436	5.210	0.238	5.215	-0.016	5.223	-0.271	5.227	-0.481
3.313	0.467	3.315	0.480	3.322	0.445	3.327	0.379	5.234	-0.679	5.242	-0.859	5.247	-0.925	5.253	-0.943
3.330	0.304	3.335	0.199	3.342	0.063	3.348	-0.104	5.256	-0.890	5.272	-0.540	5.276	-0.316	5.287	0.179
3.353	-0.231	3.366	-0.327	3.385	-0.380	3.397	-0.433	5.297	0.590	5.304	0.770	5.316	0.826	5.329	0.809
3.406	-0.450	3.415	-0.398	3.424	-0.240	3.428	-0.082	5.334	0.736	5.338	0.668	5.341	0.558	5.344	0.405
3.436	0.084	3.443	0.216	3.450	0.374	3.457	0.461	5.348	-0.273	5.354	0.027	5.359	-0.179	5.362	-0.324
3.465	-0.030	3.471	0.321	3.475	0.202	3.480	0.071	5.366	-0.433	5.372	-0.513	5.386	-0.570	5.398	-0.636
3.486	-0.030	3.494	-0.035	3.507	0.013	3.518	0.040	5.407	-0.658	5.420	-0.584	5.428	-0.462	5.434	-0.277
3.529	-0.004	3.535	-0.070	3.541	-0.175	3.546	-0.290	5.438	-0.172	5.445	-0.067	5.456	0.012	5.468	0.095
3.551	-0.395	3.556	-0.469	3.560	-0.505	3.568	-0.470	5.482	0.147	5.489	0.178	5.496	0.252	5.501	0.353
3.578	-0.391	3.587	-0.321	3.599	-0.277	3.611	-0.233	5.516	0.497	5.524	0.480	5.528	0.427	5.535	0.352
3.622	-0.137	3.632	-0.054	3.637	0.051	3.645	0.209	5.540	0.278	5.545	0.168	5.549	0.063	5.561	-0.411
3.651	0.371	3.658	0.476	3.665	0.546	3.672	0.524	5.567	-0.617	5.571	-0.705	5.578	-0.753	5.587	-0.675
3.676	0.458	3.682	0.361	3.695	0.063	3.703	-0.258	5.595	-0.574	5.603	-0.390	5.615	-0.193	5.632	0.083
3.709	-0.381	3.711	-0.521	3.716	-0.587	3.722	-0.640	5.645	0.157	5.652	0.109	5.678	-0.006	5.683	0.034
3.726	-0.622	3.735	-0.557	3.745	-0.461	3.751	-0.334	5.713	0.337	5.726	0.383	5.737	0.374	5.742	0.287
3.757	-0.163	3.764	0.008	3.772	0.192	3.783	0.389	5.745	0.116	5.748	-0.051	5.760	-0.507	5.766	-0.635
3.793	0.529	3.801	0.581	3.805	0.599	3.814	0.493	5.769	-0.735	5.779	-0.821	5.779	-0.823	5.785	-0.775
3.822	0.349	3.829	0.186	3.839	0.024	3.846	-0.090	5.791	-0.679	5.796	-0.473	5.805	-0.087	5.811	0.162
3.853	-0.117	3.864	-0.025	3.875	0.093	3.888	0.167	5.824	0.293	5.835	0.314	5.846	0.252	5.849	0.173
3.902	0.202	3.912	0.145	3.920	0.004	3.926	-0.154	5.859	0.015	5.866	-0.056	5.875	-0.153	5.881	-0.232
3.931	-0.268	3.937	-0.382	3.945	-0.461	3.952	-0.492	5.888	-0.360	5.892	-0.447	5.898	-0.522	5.907	-0.505
3.960	-0.514	3.969	-0.466	3.974	-0.365	3.983	-0.212	5.912	-0.444	5.922	-0.326	5.928	-0.160	5.935	0.023
3.986	-0.063	3.995	0.086	4.000	0.226	4.008	0.419	5.943	0.185	5.948	0.202	5.954	0.149	5.959	0.070
4.010	0.537	4.016	0.594	4.022	0.577	4.028	0.489	5.964	-0.070	5.973	-0.172	5.992	-0.243	6.000	-0.200
4.034	0.318	4.045	-0.038	4.058	-0.362	4.062	-0.437	6.008	-0.108	6.017	-0.047	6.033	0.052	6.040	-0.113
4.074	-0.525	4.081	-0.490	4.090	-0.341	4.105	-0.131	6.063	0.217	6.073	0.194	6.076	0.150	6.085	0.070
4.115	-0.074	4.119	-0.070	4.123	-0.096	4.129	-0.162	6.089	-0.044	6.100	-0.133	6.110	-0.186	6.126	-0.306
4.140	-0.201	4.154	-0.219	4.170	-0.241	4.181	-0.228	6.134	-0.390	6.141	-0.438	6.154	-0.395	6.158	-0.295
4.190	-0.185	4.198	-0.128	4.204	-0.053	4.208	0.034	6.164	-0.195	6.172	-0.055	6.186	0.014	6.194	0.079
4.213	0.161	4.221	0.336	4.226	0.490	4.238	0.511	6.205	0.254	6.217	0.398	6.231	0.542	6.237	0.516
4.245	0.445	4.253	0.274	4.257	0.142	4.277	-0.494	6.249	0.397	6.257	0.292	6.271	0.059	6.277	-0.060
4.283	-0.578	4.287	-0.595	4.293	-0.565	4.304	-0.398	6.285	-0.257	6.289	-0.380	6.306	-0.876	6.311	-0.986
4.311	-0.241	4.336	0.267	4.344	0.332	4.349	0.337	6.317	-1.021	6.328	-0.920	6.338	-0.732	6.347	-0.469
4.359	0.284	4.364	0.178	4.379	-0.274	4.385	-0.362	6.363	0.118	6.376	0.591	6.388	0.770	6.392	0.726
4.397	-0.437	4.409	-0.389	4.416	-0.288	4.423	-0.161	6.400	0.581	6.413	0.283	6.420	0.029	6.426	-0.085
4.428	-0.043	4.438	0.088	4.449	0.189	4.463	0.271	6.431	-0.129	6.442	-0.085	6.451	-0.024	6.459	0.068
4.466	0.271	4.471	0.201	4.478	0.109	4.484	0.025	6.463	0.204	6.468	0.362	6.472	0.476	6.480	0.573
4.489	-0.036	4.500	-0.085	4.523	-0.108	4.536	-0.069	6.492	0.617	6.506	0.599	6.514	0.485	6.519	0.354
4.544	0.023	4.560	0.224	4.566	0.180	4.580	0.092	6.522	0.244	6.528	0.104	6.534	-0.041	6.540	-0.133
4.584	-0.013	4.602	-0.470	4.615	-0.567	4.625	-0.497	6.546	-0.238	6.551	-0.334	6.555	-0.418	6.561	-0.505
4.635	-0.409	4.656	-0.120	4.666	-0.085	4.673	-0.116	6.570	-0.567	6.577	-0.523	6.585	-0.382	6.595	-0.154
4.679	-0.182	4.697	-0.366	4.708	-0.393	4.721	-0.463	6.604	0.021	6.609	0.231	6.614	0.372	6.625	0.481
4.732	-0.397	4.744	-0.227	4.753	0.036	4.761	0.304	6.631	0.498	6.639	0.450	6.646	0.406	6.653	0.353
4.766	0.466	4.777	0.891	4.782	1.018	4.787	1.070	6.666	0.318	6.672	0.300	6.680	0.309	6.690	0.252
4.797	1.009	4.798	1.009	4.805	0.667	4.808	0.474	6.698	0.133	6.716	-0.253	6.716	-0.253	6.720	-0.350
4.817	0.154	4.824	-0.123	4.827	-0.263	4.833	-0.351	6.732	-0.490	6.739	-0.455	6.748	-0.416	6.758	-0.399
4.840	-0.478	4.848	-0.557	4.857	-0.523	4.865	-0.435	6.769	-0.421	6.774	-0.364	6.780	-0.197	6.788	-0.044

6.790	0.065	6.797	0.188	6.803	0.297	6.810	0.411	9.013	-1.616	9.021	-1.270	9.032	-0.757	9.037	-0.292
6.813	0.437	6.822	0.393	6.829	0.288	6.840	0.239	9.043	-0.095	9.049	0.208	9.055	-0.212	9.068	0.374
6.848	0.177	6.853	0.033	6.864	-0.301	6.865	-0.516	9.078	0.427	9.089	0.479	9.100	0.554	9.108	0.663
6.884	-0.433	6.897	-0.289	6.909	-0.294	6.922	-0.207	9.116	0.834	9.124	0.913	9.132	0.839	9.137	0.755
6.941	-0.028	6.946	-0.107	6.954	-0.243	6.962	-0.357	9.145	0.606	9.151	0.304	9.157	0.089	9.167	-0.139
6.992	-0.432	6.992	-0.174	7.009	0.233	7.022	0.298	9.183	-0.481	9.191	-0.928	9.199	-0.933	9.205	-1.025
7.029	0.162	7.038	0.101	7.043	-0.049	7.057	-0.167	9.232	-0.911	9.241	-0.656	9.223	-0.376	9.227	-0.271
7.061	-0.132	7.070	-0.014	7.077	0.201	7.089	0.402	9.238	-0.205	9.241	0.019	9.247	0.058	9.253	0.282
7.094	0.490	7.104	0.586	7.113	0.630	7.127	0.520	9.260	0.475	9.267	0.536	9.274	0.637	9.281	0.602
7.131	0.441	7.137	0.336	7.142	0.191	7.179	-0.559	9.288	0.484	9.296	0.440	9.304	0.383	9.311	0.282
7.192	-0.796	7.203	-0.621	7.212	-0.560	7.226	-0.573	9.320	0.339	9.337	0.291	9.344	0.212	9.363	-0.130
7.235	-0.516	7.249	-0.236	7.253	-0.087	7.260	0.115	9.382	-0.481	9.390	-0.424	9.394	-0.376	9.418	-0.209
7.306	0.338	7.278	0.627	7.286	0.855	7.300	0.969	9.429	-0.130	9.442	-0.003	9.453	-0.077	9.460	-0.301
7.343	-0.246	7.356	-0.421	7.360	-0.426	7.367	-0.338	9.467	-0.362	9.485	-0.508	9.493	-0.187	9.506	0.221
7.387	-0.167	7.392	-0.163	7.409	-0.286	7.419	-0.299	9.514	0.567	9.526	0.901	9.539	0.725	9.543	0.576
7.424	-0.225	7.453	0.046	7.455	0.068	7.467	0.060	9.549	0.243	9.559	-0.449	9.563	-0.827	9.567	-0.919
7.471	-0.178	7.478	-0.248	7.487	-0.165	7.497	-0.060	9.579	-1.506	9.589	-1.611	9.599	-1.519	9.607	-1.195
7.505	0.058	7.513	0.260	7.523	0.483	7.542	0.527	9.617	-1.146	9.623	-0.752	9.630	-0.782	9.637	-0.484
7.553	0.518	7.562	0.408	7.564	0.237	7.570	0.083	9.643	-0.532	9.651	-0.076	9.651	-0.257	9.663	0.380
7.575	-0.145	7.581	-0.312	7.585	-0.430	7.594	-0.535	9.663	0.380	9.674	0.626	9.686	0.771	9.711	0.714
7.605	-0.593	7.612	-0.711	7.621	-0.782	7.630	-0.712	9.719	1.039	9.725	0.807	9.736	0.425	9.745	0.197
7.636	-0.558	7.659	0.252	7.670	0.616	7.682	0.804	9.758	-0.210	9.774	-0.872	9.784	-1.038	9.794	-0.942
7.687	0.769	7.702	0.615	7.719	0.610	7.727	0.522	9.818	-0.292	9.830	0.085	9.843	0.252	9.852	0.296
7.732	0.360	7.737	0.197	7.743	-0.004	7.748	-0.259	9.874	0.481	9.882	0.315	9.892	0.086	9.900	-0.133
7.758	-0.430	7.768	-0.479	7.790	-0.229	7.796	-0.243	9.910	-0.308	9.918	-0.566	9.930	-0.956	9.936	-1.070
7.804	-0.335	7.812	-0.423	7.822	-0.544	7.836	-0.437	9.946	-1.162	9.958	-0.942	9.972	-0.456	9.985	0.080
7.839	-0.349	7.847	-0.117	7.862	0.544	7.876	0.759	10.020	1.378	10.032	1.124	10.039	0.954	10.059	-0.045
7.881	0.881	7.893	0.942	7.901	0.868	7.908	0.780	10.068	-0.225	10.076	-0.448	10.082	-0.554	10.092	-0.623
7.917	0.608	7.928	0.191	7.939	-0.076	7.946	-0.230	10.103	-0.662	10.115	-0.609	10.128	-0.604	10.137	-0.722
7.953	-0.441	7.960	-0.686	7.964	-0.814	7.968	-0.994	10.150	-0.402	10.175	0.357	10.185	0.410	10.201	0.538
7.984	-1.235	7.988	-1.148	8.000	-0.964	8.011	-0.631	10.212	0.538	10.229	0.605	10.231	0.310	10.246	0.338
8.016	-0.346	8.026	0.039	8.033	0.311	8.041	0.578	10.254	0.273	10.264	0.129	10.270	-0.012	10.277	-0.270
8.054	0.819	8.058	0.832	8.064	0.749	8.067	0.609	10.290	-0.532	10.303	-0.760	10.315	-0.913	10.328	-1.026
8.075	0.376	8.085	0.218	8.092	0.082	8.104	0.012	10.335	-0.978	10.341	-0.833	10.352	-0.503	10.358	-0.372
8.113	-0.067	8.119	-0.159	8.123	-0.269	8.129	-0.418	10.367	-0.275	10.386	-0.028	10.399	0.042	10.403	0.272
8.137	-0.708	8.145	-0.791	8.156	-0.765	8.168	-0.813	10.411	0.245	10.429	0.416	10.438	0.369	10.441	0.272
8.177	-0.853	8.184	-0.801	8.195	-0.503	8.210	0.028	10.446	0.159	10.451	0.014	10.458	-0.135	10.464	-0.362
8.224	0.760	8.229	0.984	8.242	1.185	8.252	1.041	10.504	-0.520	10.477	-0.756	10.485	-0.813	10.495	-0.760
8.261	0.756	8.269	0.300	8.290	-0.585	8.298	-0.690	10.555	0.151	10.580	-0.129	10.520	-0.026	10.540	0.382
8.305	-0.633	8.316	-0.357	8.330	-0.214	8.334	-0.182	10.504	-0.658	10.506	-0.544	10.520	-0.026	10.540	0.382
8.345	-0.019	8.352	-0.023	8.369	-0.093	8.374	-0.050	10.555	0.151	10.580	-0.129	10.604	0.057	10.621	-0.179
8.379	0.038	8.398	0.240	8.427	0.324	8.443	0.201	10.674	-0.067	10.650	-0.129	10.657	-0.313	10.664	-0.562
8.457	0.044	8.460	-0.066	8.474	-0.740	8.490	-0.951	10.705	-0.985	10.719	-0.427	10.727	-0.081	10.743	0.359
8.497	-1.007	8.505	-0.972	8.512	-0.840	8.539	0.081	10.747	0.491	10.760	0.544	10.768	0.501	10.788	0.341
8.545	0.283	8.550	0.498	8.570	0.695	8.581	0.726	10.794	0.463	10.801	0.301	10.807	0.091	10.815	-0.233
8.594	0.674	8.607	0.551	8.617	0.609	8.629	0.692	10.822	-0.474	10.831	-0.614	10.841	-0.539	10.854	-0.376
8.642	0.661	8.647	0.565	8.652	0.442	8.659	0.280	10.864	-0.244	10.884	-0.015	10.891	-0.019	10.904	0.034
8.658	0.118	8.670	-0.487	8.674	-0.719	8.689	-1.228	10.920	0.276	10.929	0.342	10.950	0.374	10.958	0.335
8.695	-1.368	8.700	-1.342	8.710	-1.096	8.728	-0.456	10.963	0.213	10.973	0.099	10.977	-0.045	10.984	-0.168
8.736	0.062	8.748	0.259	8.759	0.509	8.765	0.711	10.989	-0.295	10.994	-0.465	11.005	-0.728	11.025	-0.916
8.779	0.961	8.794	0.869	8.815	0.703	8.827	0.405	11.029	-0.779	11.039	-0.687	11.042	-0.345	11.054	-0.072
8.840	0.111	8.854	-0.117	8.875	-0.244	8.884	-0.314	11.075	0.130	11.085	0.867	11.111	0.588	11.158	0.442
8.896	-0.437	8.898	-0.556	8.913	-0.788	8.926	-0.630	11.163	0.406	11.165	0.283	11.174	0.231	11.184	0.442
8.934	-0.477	8.948	0.001	8.958	0.098	8.961	0.028	11.202	0.443	11.210	0.434	11.229	0.155	11.235	0.015
8.965	-0.152	8.990	-1.130	8.998	-1.463	9.009	-1.682	11.251	0.384	11.272	0.793	11.284	0.693	11.291	0.764
								11.295	0.790	11.308	0.633	11.314	0.371	11.318	0.332

11.326	-0.001	11.334	-0.229	11.340	-0.360	11.348	-0.385	14.889	0.015	14.922	-0.075	14.950	0.128	14.972	0.317
11.365	-0.323	11.375	-0.191	11.391	-0.045	11.420	-0.056	14.990	0.349	15.011	0.231	15.039	0.114	15.070	0.103
11.441	-0.129	11.471	-0.123	11.486	-0.003	11.512	0.082	15.098	-0.014	15.124	-0.022	15.153	-0.038	15.170	-0.050
11.526	0.197	11.546	0.334	11.564	0.485	11.580	0.179	15.195	0.083	15.215	0.057	15.253	0.094	15.289	-0.005
11.591	0.258	11.615	0.094	11.636	0.231	11.654	0.315	15.311	-0.140	15.330	0.235	15.346	-0.112	15.368	0.177
11.676	0.308	11.688	0.173	11.709	0.043	11.741	0.188	15.397	0.268	15.416	0.124	15.437	-0.090	15.457	-0.175
11.762	-0.397	11.769	-0.585	11.788	-0.553	11.804	-0.503	15.472	-0.132	15.504	0.084	15.536	-0.086	15.559	-0.138
11.832	0.292	11.848	-0.553	11.861	0.478	11.891	-0.349	15.586	-0.045	15.622	0.097	15.622	0.124	15.651	-0.046
11.931	0.662	11.938	-0.517	11.951	-0.248	11.966	0.248	15.674	0.078	15.694	0.211	15.715	0.186	15.737	0.007
11.987	0.552	12.001	0.478	12.014	0.409	12.025	0.292	15.758	-0.189	15.776	-0.267	15.799	-0.191	15.831	0.109
12.036	0.078	12.052	-0.390	12.072	-0.398	12.084	-0.239	15.858	0.176	15.888	0.170	15.912	0.079	15.930	0.006
12.113	0.136	12.125	0.316	12.149	0.493	12.157	0.454	15.949	0.016	15.983	0.128	16.000	0.120	16.017	-0.089
12.177	0.219	12.197	0.291	12.221	0.547	12.243	0.207	16.031	-0.176	16.051	-0.066	16.089	0.112	16.107	0.139
12.264	0.016	12.274	0.315	12.296	0.146	12.309	0.397	16.131	-0.070	16.150	-0.104	16.164	-0.016	16.182	0.104
12.329	0.135	12.335	0.066	12.350	-0.231	12.357	-0.265	16.216	-0.070	16.240	-0.029	16.271	0.003	16.291	0.097
12.361	-0.506	12.365	-0.497	12.373	-0.610	12.385	-0.644	16.306	0.115	16.330	0.099	16.357	0.197	16.378	0.141
12.391	-0.578	12.399	-0.442	12.406	-0.388	12.418	-0.063	16.390	0.137	16.402	0.173	16.431	0.003	16.454	-0.136
12.428	-0.014	12.439	-0.083	12.450	0.006	12.456	-0.029	16.470	-0.105	16.493	0.062	16.531	0.231	16.561	0.030
12.466	-0.120	12.485	0.031	12.495	-0.021	12.514	0.143	16.588	-0.162	16.614	-0.183	16.642	-0.002	16.660	-0.055
12.531	0.119	12.553	-0.024	12.573	0.180	12.587	0.330	16.678	-0.045	16.697	-0.071	16.720	0.030	16.739	0.057
12.602	0.209	12.623	-0.092	12.629	-0.131	12.640	-0.217	16.756	0.110	16.774	0.123	16.793	0.071	16.815	0.085
12.658	0.157	12.673	0.575	12.689	0.743	12.702	0.630	16.836	-0.020	16.865	-0.124	16.879	-0.120	16.891	-0.137
12.710	0.368	12.721	-0.056	12.731	-0.393	12.740	-0.730	16.904	-0.066	16.912	-0.062	16.936	0.005	16.964	-0.148
12.751	-0.580	12.769	-1.060	12.770	-1.060	12.785	0.160	16.982	-0.178	17.009	0.011	17.041	0.222	17.055	0.188
12.792	-0.102	12.797	-0.378	12.805	-0.812	12.815	-0.719	17.080	-0.114	17.096	-0.245	17.128	-0.104	17.145	0.002
12.822	-0.503	12.832	-0.432	12.834	-0.252	12.846	-0.654	17.159	0.107	17.185	-0.015	17.203	-0.076	17.225	0.087
12.852	-0.465	12.857	-0.180	12.864	0.031	12.880	-0.125	17.237	0.179	17.250	0.219	17.288	0.080	17.320	-0.051
12.887	0.064	12.902	-0.066	12.907	-0.228	12.917	-0.424	17.350	0.182	17.367	0.283	17.388	-0.209	17.403	0.201
12.925	-0.340	12.930	-0.423	12.950	-0.307	12.956	-0.184	17.419	0.139	17.452	0.109	17.476	-0.013	17.497	-0.083
12.967	-0.165	12.978	-0.531	12.994	-0.377	13.007	-0.464	17.534	-0.047	17.555	-0.139	17.571	-0.226	17.584	-0.235
13.023	-0.248	13.038	-0.001	13.051	0.223	13.062	0.527	17.618	-0.068	17.636	-0.072	17.651	-0.072	17.676	-0.107
13.063	0.527	13.077	0.651	13.092	0.314	13.114	-0.087	17.700	-0.037	17.715	-0.050	17.730	-0.050	17.755	-0.212
13.125	-0.358	13.142	0.497	13.158	-0.325	13.168	-0.210	17.770	-0.317	17.797	-0.308	17.819	-0.093	17.839	0.030
13.181	-0.227	13.207	-0.076	13.232	-0.237	13.248	-0.385	17.854	0.052	17.878	-0.158	17.909	-0.369	17.939	-0.443
13.266	-0.441	13.290	-0.124	13.307	0.035	13.325	0.106	17.962	-0.408	17.984	-0.149	18.000	-0.031	18.021	-0.044
13.345	-0.164	13.363	-0.054	13.371	0.148	13.380	-0.114	18.042	0.000	18.069	0.001	18.097	-0.214	18.114	-0.240
13.454	-0.010	13.463	0.043	13.475	0.206	13.487	0.241	18.142	0.126	18.169	0.054	18.206	-0.012	18.232	0.067
13.497	0.316	13.518	0.151	13.532	0.011	13.556	-0.089	18.250	0.111	18.269	0.212	18.284	0.234	18.318	0.120
13.569	-0.193	13.591	-0.236	13.603	-0.223	13.621	-0.345	18.349	-0.020	18.362	0.011	18.387	0.178	18.404	0.191
13.645	-0.326	13.664	-0.408	13.672	-0.442	13.687	-0.362	18.454	-0.032	18.486	0.047	18.502	0.077	18.526	0.196
13.705	-0.094	13.724	0.258	13.739	0.368	13.756	0.435	18.545	0.196	18.584	0.034	18.616	-0.075	18.646	0.003
13.773	0.138	13.791	-0.269	13.804	-0.347	13.828	-0.236	18.680	0.082	18.718	0.047	18.753	-0.085	18.790	-0.116
13.849	-0.195	13.862	-0.326	13.883	-0.390	13.909	-0.218	18.824	-0.011	18.840	0.055	18.868	0.024	18.895	-0.112
13.923	-0.033	13.937	0.087	13.956	0.004	13.970	0.010	18.926	-0.147	18.963	0.165	18.999	0.055	19.025	-0.024
13.987	0.042	14.000	0.029	14.009	0.030	14.019	0.091	19.043	-0.023	19.073	-0.141	19.096	-0.171	19.116	-0.096
14.032	0.110	14.052	-0.017	14.073	-0.077	14.091	0.217	19.133	0.097	19.147	0.207	19.170	0.269	19.185	0.269
14.108	0.367	14.129	0.223	14.147	-0.017	14.174	-0.165	19.205	0.182	19.223	0.095	19.243	0.008	19.257	0.004
14.189	-0.191	14.217	-0.229	14.231	-0.197	14.247	-0.096	19.272	-0.017	19.292	0.032	19.315	0.147	19.345	0.412
14.263	-0.174	14.275	-0.230	14.292	0.016	14.303	0.087	19.361	0.408	19.379	0.282	19.393	0.159	19.406	0.055
14.326	0.149	14.342	-0.073	14.366	-0.383	14.384	-0.326	19.428	-0.036	19.457	0.036	19.476	0.072	19.495	0.064
14.402	-0.031	14.421	-0.084	14.449	0.103	14.476	0.061	19.530	0.140	19.549	0.172	19.575	0.152	19.599	0.052
14.505	-0.039	14.534	-0.016	14.558	0.060	14.586	0.008	19.626	-0.102	19.639	-0.096	19.654	0.001	19.662	0.010
14.603	-0.161	14.622	-0.160	14.651	-0.155	14.673	-0.004	19.677	0.102	19.685	0.107	19.702	0.147	19.716	0.147
14.685	0.005	14.718	0.129	14.742	0.218	14.769	0.180	19.728	0.090	19.745	0.130	19.766	0.126	19.791	0.030
14.789	0.181	14.814	0.213	14.832	0.069	14.870	-0.017	19.817	0.184	19.835	0.171	19.858	-0.000	19.883	-0.070
								19.896	-0.092	19.916	-0.132	19.932	-0.198	19.954	-0.180

19.977	-0.189	20.010	-0.080	20.041	-0.092	20.071	-0.044	25.257	-0.055	25.273	-0.002	25.282	0.029	25.288	0.038
20.097	-0.131	20.120	-0.174	20.146	-0.069	20.155	-0.001	25.298	0.043	25.308	0.026	25.317	0.022	25.325	-0.021
20.171	0.032	20.191	-0.051	20.229	-0.072	20.269	-0.054	25.335	-0.056	25.346	-0.055	25.357	-0.076	25.369	-0.071
20.292	-0.097	20.322	-0.053	20.344	-0.026	20.376	0.058	25.378	-0.044	25.391	-0.061	25.403	-0.043	25.419	-0.046
20.408	0.089	20.450	0.106	20.471	-0.021	20.484	0.100	25.428	-0.094	25.437	-0.102	25.443	-0.115	25.454	-0.101
20.499	-0.074	20.521	-0.065	20.536	0.027	20.554	0.167	25.467	-0.087	25.488	-0.037	25.507	0.004	25.529	0.023
20.579	0.158	20.597	0.101	20.621	0.101	20.644	0.074	25.539	0.028	25.545	0.033	25.553	0.029	25.559	-0.015
20.670	0.122	20.692	0.131	20.721	0.038	20.742	0.021	25.571	-0.057	25.585	-0.100	25.594	-0.122	25.606	-0.125
20.761	0.003	20.783	-0.103	20.799	-0.173	20.817	-0.195	25.616	-0.116	25.624	-0.124	25.630	-0.079	25.636	-0.040
20.835	-0.134	20.859	0.107	20.877	0.216	20.896	0.080	25.654	0.063	25.664	0.125	25.674	0.147	25.679	0.165
20.913	-0.043	20.926	-0.061	20.943	-0.061	20.972	0.052	25.682	0.166	25.693	0.158	25.702	0.141	25.718	0.089
21.002	0.039	21.034	-0.058	21.065	-0.063	21.102	-0.151	25.730	0.029	25.749	-0.027	25.755	-0.101	25.765	-0.122
21.122	-0.152	21.146	-0.104	21.177	-0.008	21.197	-0.070	25.773	-0.139	25.781	-0.112	25.792	-0.102	25.811	-0.013
21.211	-0.039	21.226	-0.083	21.237	0.035	21.267	0.027	25.828	0.054	25.839	0.081	25.848	0.113	25.856	0.139
21.305	0.071	21.331	-0.039	21.345	-0.126	21.376	-0.183	25.861	0.157	25.871	0.127	25.879	0.111	25.889	0.103
21.404	-0.113	21.438	-0.047	21.473	-0.020	21.495	0.090	25.896	0.094	25.904	0.099	25.911	0.100	25.928	0.088
21.527	0.222	21.553	0.139	21.576	-0.010	21.591	-0.106	25.940	0.098	25.963	0.086	25.969	0.091	25.981	0.096
21.603	-0.097	21.636	0.069	21.664	0.078	21.699	0.126	25.992	0.089	26.008	0.037	26.018	0.047	26.029	0.056
21.744	0.126	21.773	0.021	21.790	0.043	21.810	0.087	26.034	0.074	26.045	0.066	26.049	0.053	26.058	0.041
21.832	0.056	21.851	0.017	21.879	0.044	21.898	0.110	26.067	0.042	26.079	0.016	26.091	-0.000	26.106	-0.012
21.922	0.119	21.967	0.018	22.004	0.080	22.035	0.063	26.116	-0.033	26.129	-0.059	26.145	-0.036	26.148	-0.005
22.059	0.081	22.099	-0.027	22.129	0.021	22.164	0.114	26.171	0.058	26.179	0.094	26.194	0.130	26.202	0.109
22.187	0.185	22.219	0.177	22.239	0.077	22.257	-0.063	26.215	0.128	26.222	0.111	26.230	0.072	26.237	0.024
22.275	-0.128	22.304	0.026	22.335	0.202	22.362	0.290	26.251	-0.023	26.263	-0.092	26.278	-0.147	26.286	-0.147
22.374	0.282	22.401	0.138	22.431	0.020	22.457	0.023	26.300	-0.150	26.313	-0.144	26.328	-0.086	26.346	-0.032
22.489	-0.039	22.518	-0.060	22.541	-0.064	22.566	0.011	26.364	0.031	26.372	0.049	26.378	0.059	26.391	0.051
22.589	0.055	22.616	0.026	22.645	-0.145	22.672	0.227	26.404	0.052	26.421	0.049	26.436	0.042	26.443	0.029
22.701	-0.174	22.737	0.081	22.767	-0.080	22.790	-0.101	26.454	0.004	26.461	-0.022	26.478	-0.094	26.491	-0.115
22.813	-0.158	22.853	-0.231	22.884	-0.234	22.913	-0.089	26.502	-0.127	26.509	-0.131	26.521	-0.112	26.531	-0.085
22.937	-0.026	22.964	-0.139	22.989	-0.222	23.016	-0.186	26.539	-0.032	26.547	-0.022	26.559	0.001	26.565	0.045
23.037	-0.010	23.049	0.078	23.070	0.136	23.107	0.040	26.573	0.081	26.585	0.144	26.594	0.144	26.601	0.154
23.120	0.045	23.150	-0.064	23.169	-0.077	23.194	-0.028	26.609	0.146	26.618	0.125	26.627	0.090	26.638	0.017
23.213	0.034	23.238	0.193	23.259	0.259	23.289	0.230	26.648	-0.031	26.655	-0.039	26.665	-0.047	26.671	-0.042
23.318	0.134	23.349	-0.014	23.386	0.154	23.408	0.163	26.679	-0.028	26.692	-0.005	26.703	0.018	26.709	0.044
23.426	0.072	23.452	-0.036	23.467	-0.030	23.506	0.112	26.718	0.071	26.726	0.090	26.731	0.108	26.741	0.113
23.531	0.074	23.549	0.023	23.570	0.041	23.596	0.218	26.749	0.100	26.759	0.110	26.769	0.119	26.778	0.125
23.617	0.281	23.639	0.125	23.667	-0.110	23.688	-0.091	26.792	0.126	26.803	0.118	26.815	0.053	26.825	0.028
23.714	-0.024	23.742	-0.083	23.761	-0.082	23.794	0.087	26.833	0.019	26.840	0.011	26.849	0.030	26.858	0.052
23.805	0.140	23.825	-0.141	23.861	0.003	23.895	0.075	26.864	0.079	26.875	0.111	26.883	0.120	26.892	0.143
23.922	0.041	23.951	-0.089	23.969	-0.158	23.999	0.006	26.905	0.144	26.910	0.140	26.919	0.119	26.931	0.045
24.028	0.135	24.066	0.028	24.101	0.013	24.120	-0.021	26.941	0.020	26.952	0.003	26.966	-0.018	26.980	-0.030
24.142	-0.103	24.173	0.013	24.204	0.046	24.230	0.017	26.994	-0.042	27.007	-0.054	27.024	-0.057	27.037	-0.052
24.248	0.018	24.269	0.028	24.288	0.095	24.312	0.092	27.044	-0.047	27.053	-0.020	27.069	0.065	27.078	0.118
24.328	0.050	24.351	0.064	24.368	0.065	24.397	0.006	27.087	0.154	27.093	0.172	27.102	0.186	27.105	0.177
24.432	-0.088	24.460	-0.021	24.480	0.015	24.516	0.114	27.113	0.160	27.126	0.113	27.136	0.092	27.142	0.075
24.539	0.036	24.573	-0.080	24.600	-0.061	24.634	0.046	27.150	0.071	27.159	0.081	27.166	0.099	27.173	0.108
24.670	0.075	24.701	0.020	24.726	-0.027	24.749	-0.008	27.184	0.109	27.191	0.096	27.199	0.053	27.212	0.010
24.770	-0.059	24.805	-0.070	24.828	0.045	24.848	-0.129	27.217	0.002	27.226	0.007	27.231	0.020	27.243	0.078
24.868	0.134	24.887	0.069	24.910	-0.066	24.924	-0.148	27.250	0.100	27.262	0.141	27.272	0.159	27.283	0.160
24.950	-0.052	24.973	-0.067	25.004	-0.022	25.026	-0.034	27.291	0.152	27.299	0.135	27.311	0.100	27.323	0.057
25.047	0.006	25.048	0.006	25.059	0.068	25.071	0.121	27.329	0.032	27.336	0.050	27.344	0.063	27.355	0.099
25.080	0.147	25.087	0.161	25.095	0.157	25.103	0.153	27.365	0.131	27.374	0.144	27.387	0.154	27.397	0.159
25.106	0.135	25.114	0.092	25.131	-0.004	25.142	-0.052	27.404	0.133	27.411	0.121	27.434	0.048	27.444	0.018
25.147	-0.069	25.156	-0.086	25.164	-0.086	25.175	-0.090	27.452	-0.001	27.465	-0.029	27.472	-0.028	27.481	-0.032
25.183	-0.098	25.192	-0.111	25.201	-0.120	25.206	-0.124	27.493	-0.022	27.502	0.001	27.517	0.037	27.529	0.068
25.216	-0.128	25.230	-0.114	25.242	-0.109	25.251	-0.091	27.546	0.092	27.560	0.106	27.576	0.111	27.588	0.108

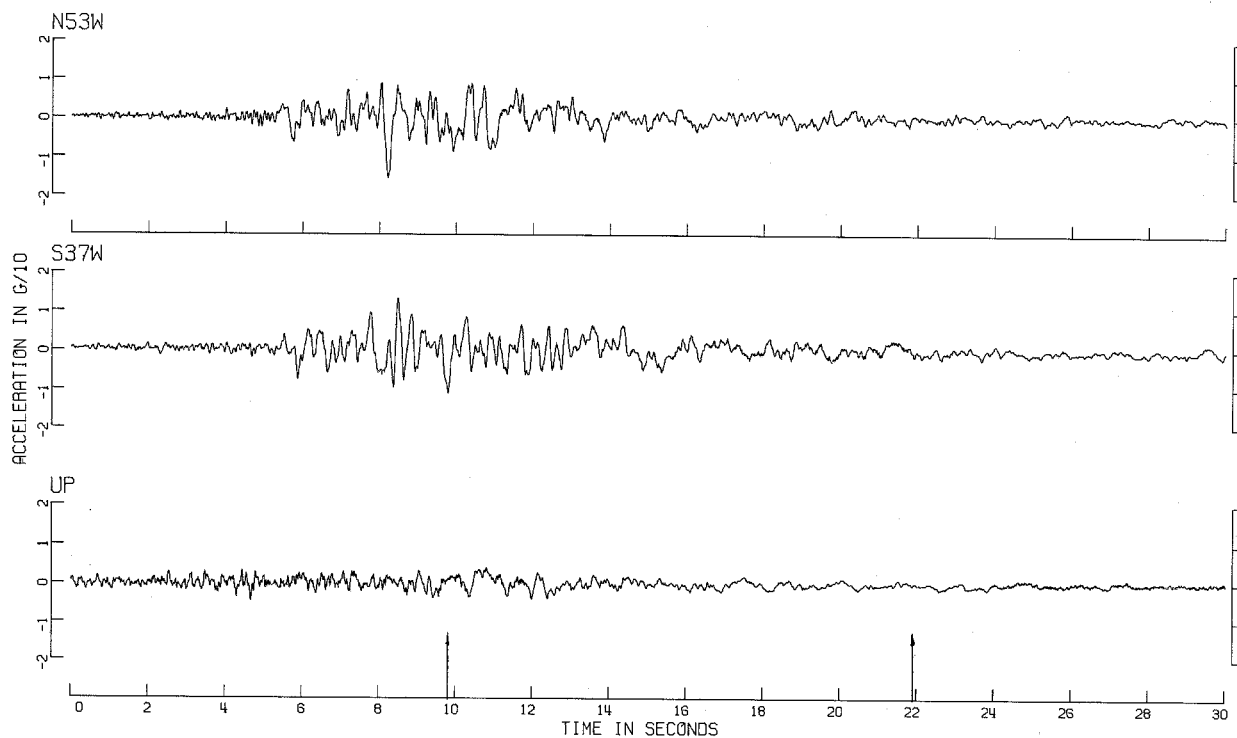
27.594	0.104	27.606	0.057	27.618	0.005	27.630	-0.047	29.989	0.026	30.001	0.058	30.012	0.085	30.025	0.098
27.639	-0.072	27.648	-0.098	27.661	-0.110	27.670	-0.105	30.038	0.099	30.047	0.095	30.057	0.087	30.067	0.066
27.679	-0.100	27.686	-0.082	27.691	-0.038	27.700	0.015	30.082	0.031	30.099	0.006	30.105	-0.007	30.114	0.007
27.707	0.051	27.714	0.082	27.722	0.096	27.731	0.096	30.123	0.021	30.137	0.026	30.150	0.035	30.158	0.031
27.737	0.088	27.744	0.080	27.752	0.054	27.761	0.015	30.166	0.027	30.173	0.006	30.183	-0.007	30.189	-0.020
27.774	-0.054	27.787	-0.079	27.800	-0.100	27.806	-0.109	30.197	-0.015	30.206	-0.006	30.224	0.017	30.242	0.040
27.818	-0.108	27.831	-0.089	27.850	-0.053	27.868	-0.039	30.246	0.062	30.253	0.080	30.263	0.089	30.271	0.098
27.885	-0.024	27.895	-0.028	27.905	-0.040	27.916	-0.053	30.279	0.094	30.288	0.099	30.292	0.108	30.300	0.117
27.939	-0.064	27.960	-0.080	27.979	-0.074	27.995	-0.073	30.306	0.122	30.312	0.126	30.321	0.118	30.326	0.109
28.006	-0.055	28.020	-0.032	28.032	-0.005	28.044	0.009	30.332	0.096	30.340	0.066	30.355	0.019	30.368	-0.025
28.050	0.018	28.062	0.015	28.073	0.007	28.084	-0.018	30.377	-0.042	30.385	-0.055	30.393	-0.054	30.404	-0.054
28.097	-0.052	28.109	-0.104	28.121	-0.121	28.130	-0.138	30.414	-0.053	30.424	-0.031	30.434	-0.008	30.442	-0.027
28.141	-0.128	28.150	-0.114	28.162	-0.065	28.180	-0.015	30.447	0.045	30.457	0.072	30.465	0.094	30.473	0.116
28.189	-0.015	28.205	0.017	28.214	0.027	28.225	0.014	30.478	0.121	30.484	0.126	30.490	0.126	30.498	0.122
28.234	-0.002	28.241	-0.024	28.256	-0.062	28.268	-0.083	30.505	0.114	30.512	0.110	30.518	0.106	30.524	0.088
28.277	-0.083	28.284	-0.069	28.295	-0.042	28.306	-0.023	30.528	0.067	30.537	0.032	30.544	0.006	30.550	-0.015
28.317	0.004	28.332	0.014	28.349	0.019	28.369	0.017	30.558	-0.024	30.565	-0.028	30.577	-0.027	30.587	-0.022
28.388	0.022	28.395	0.014	28.407	-0.002	28.412	-0.028	30.597	-0.017	30.606	-0.008	30.613	0.006	30.623	0.019
28.425	-0.093	28.433	-0.119	28.442	-0.140	28.449	-0.135	30.633	0.038	30.641	0.042	30.646	0.038	30.654	0.039
28.455	-0.126	28.467	-0.090	28.484	-0.023	28.500	0.022	30.661	0.031	30.669	0.022	30.676	0.001	30.686	-0.012
28.511	0.053	28.522	0.072	28.530	0.077	28.537	0.077	30.694	-0.020	30.704	-0.024	30.717	-0.027	30.731	-0.027
28.548	0.073	28.556	0.070	28.567	0.066	28.580	0.067	30.743	-0.026	30.755	-0.021	30.764	-0.016	30.774	-0.011
28.590	0.068	28.597	0.059	28.607	0.034	28.612	-0.010	30.778	-0.002	30.787	-0.016	30.794	0.025	30.800	0.030
28.623	-0.079	28.631	-0.118	28.640	-0.153	28.649	-0.161	30.810	0.035	30.821	0.040	30.830	0.054	30.837	0.054
28.657	-0.156	28.670	-0.129	28.674	-0.103	28.683	-0.050	30.848	0.054	30.856	0.046	30.864	0.033	30.872	0.016
28.700	0.039	28.710	0.092	28.719	0.123	28.728	0.146	30.881	0.052	30.891	0.012	30.902	0.009	30.912	0.000
28.734	0.142	28.745	0.142	28.750	0.134	28.756	0.117	30.918	-0.017	30.928	-0.030	30.936	-0.034	30.944	-0.029
28.765	0.108	28.773	0.104	28.787	0.101	28.794	0.092	30.952	-0.020	30.959	-0.002	30.970	0.016	30.986	0.021
28.800	0.084	28.809	0.063	28.818	0.028	28.829	-0.015	31.002	0.030	31.016	0.049	31.024	0.049	31.033	0.040
28.838	-0.037	28.848	-0.049	28.860	-0.044	28.873	-0.035	31.046	0.019	31.061	-0.012	31.070	-0.029	31.085	-0.042
28.881	-0.021	28.889	0.019	28.903	0.072	28.910	0.090	31.106	-0.028	31.130	0.012	31.151	0.048	31.168	0.044
28.917	0.090	28.923	0.086	28.931	0.069	28.939	0.035	31.181	0.031	31.200	0.010	31.217	-0.029	31.229	-0.033
28.947	0.017	28.954	0.013	28.962	0.005	28.970	0.014	31.251	-0.037	31.272	-0.041	31.290	-0.041	31.311	-0.032
28.982	0.037	29.005	0.069	29.019	0.079	29.030	0.079	31.324	-0.023	31.338	0.017	31.359	0.101	31.375	0.119
29.039	0.076	29.052	0.072	29.063	0.055	29.071	0.056	31.385	0.119	31.403	0.041	31.421	-0.016	31.431	-0.038
29.081	0.061	29.090	0.070	29.100	0.076	29.112	0.072	31.444	-0.046	31.454	-0.024	31.469	0.024	31.482	0.038
29.120	0.059	29.129	0.029	29.142	0.013	29.154	0.000	31.495	0.020	31.513	-0.019	31.529	-0.036	31.539	-0.019
29.162	0.001	29.178	0.011	29.193	0.008	29.206	0.017	31.553	-0.001	31.573	0.008	31.589	0.035	31.609	0.026
29.217	0.027	29.225	0.058	29.236	0.094	29.248	0.143	31.618	0.022	31.637	0.057	31.653	0.071	31.663	0.067
29.254	0.165	29.261	0.175	29.271	0.162	29.277	0.141	31.678	0.036	31.694	0.058	31.711	0.076	31.731	0.089
29.290	0.111	29.301	0.081	29.314	0.056	29.327	0.035	31.743	0.063	31.759	0.002	31.771	-0.007	31.788	-0.015
29.344	0.023	29.362	0.011	29.376	-0.010	29.393	-0.035	31.804	0.024	31.816	0.055	31.824	0.060	31.835	0.033
29.403	-0.061	29.410	-0.069	29.422	-0.086	29.430	-0.076	31.852	0.012	31.864	-0.045	31.872	-0.115	31.882	-0.115
29.442	-0.058	29.455	-0.027	29.472	-0.004	29.482	0.019	31.891	-0.102	31.907	-0.009	31.924	0.039	31.939	0.070
29.497	0.020	29.506	0.016	29.513	0.008	29.524	-0.000	31.950	0.075	31.975	0.071	31.995	0.045	32.015	0.028
29.537	-0.012	29.554	-0.020	29.570	-0.023	29.583	-0.031	32.034	-0.029	32.042	-0.046	32.052	-0.050	32.064	-0.024
29.591	-0.048	29.598	-0.065	29.616	-0.117	29.628	-0.125	32.085	0.047	32.117	0.065	32.117	0.047	32.137	-0.022
29.638	-0.111	29.646	-0.062	29.656	-0.026	29.665	-0.013	32.149	-0.048	32.164	-0.052	32.178	-0.004	32.195	0.018
29.673	0.005	29.686	0.019	29.700	0.016	29.707	0.012	32.214	0.045	32.229	0.006	32.241	0.011	32.258	0.037
29.718	-0.005	29.721	-0.018	29.729	-0.030	29.734	-0.039	32.273	0.051	32.286	0.099	32.298	0.104	32.314	0.091
29.742	-0.038	29.749	-0.038	29.758	-0.024	29.769	-0.023	32.346	0.012	32.366	-0.093	32.374	-0.119	32.394	-0.136
29.778	-0.023	29.790	-0.040	29.800	-0.048	29.809	-0.060	32.412	-0.087	32.431	0.005	32.454	0.014	32.474	0.023
29.819	-0.088	29.831	-0.050	29.843	-0.023	29.858	0.004	32.500	0.019	32.513	-0.007	32.533	-0.037	32.550	0.002
29.864	0.027	29.872	0.058	29.879	0.076	29.888	0.085	32.566	-0.024	32.581	-0.028	32.595	0.012	32.610	-0.001
29.896	0.077	29.906	0.069	29.918	0.039	29.935	0.009	32.626	-0.040	32.640	-0.057	32.647	-0.035	32.662	-0.036
29.949	-0.003	29.960	-0.011	29.970	-0.006	29.980	-0.001	32.677	0.067	32.691	0.085	32.700	0.054	32.728	-0.020

32.741	-0.054	32.760	-0.071	32.766	-0.010	32.783	0.061	36.668	-0.008	36.693	0.036	36.709	0.063	36.726	0.072
32.797	0.070	32.813	0.101	32.823	0.110	32.833	0.071	36.739	0.041	36.755	0.015	36.769	-0.002	36.785	0.021
32.846	-0.006	32.865	-0.007	32.875	-0.059	32.889	-0.068	36.825	0.034	36.843	0.065	36.869	0.074	36.882	0.048
32.900	-0.028	32.915	-0.001	32.933	0.047	32.949	0.070	36.898	-0.013	36.909	-0.048	36.928	-0.083	36.946	-0.056
32.959	0.048	32.974	-0.004	32.984	0.005	33.004	0.045	36.964	-0.021	36.984	0.024	37.010	0.054	37.026	0.063
33.022	0.089	33.033	0.107	33.049	0.129	33.059	0.077	37.049	0.076	37.077	0.103	37.092	0.112	37.107	0.059
33.074	-0.015	33.088	-0.050	33.105	-0.080	33.113	-0.037	37.121	-0.054	37.137	-0.160	37.152	-0.199	37.162	-0.203
33.127	0.065	33.145	0.122	33.167	0.127	33.184	0.066	37.177	-0.128	37.191	-0.010	37.207	0.135	37.219	0.223
33.200	-0.009	33.216	-0.052	33.225	-0.085	33.240	-0.048	37.227	0.285	37.239	0.302	37.250	0.220	37.261	0.088
33.256	-0.030	33.268	-0.021	33.289	0.032	33.306	0.059	37.274	-0.051	37.288	-0.112	37.296	-0.117	37.309	-0.059
33.324	0.129	33.336	0.147	33.347	0.143	33.361	0.099	37.329	0.029	37.345	0.069	37.358	0.083	37.373	0.070
33.376	-0.010	33.393	-0.054	33.411	-0.054	33.433	-0.031	37.389	0.058	37.404	0.062	37.425	0.024	37.436	-0.015
33.452	-0.017	33.468	-0.036	33.486	0.111	33.504	0.142	37.452	-0.089	37.465	-0.080	37.482	-0.000	37.502	0.079
33.517	0.120	33.536	0.046	33.558	-0.058	33.570	-0.071	37.521	0.111	37.531	0.107	37.554	0.081	37.573	0.082
33.588	-0.044	33.603	0.004	33.617	0.013	33.630	0.026	37.589	0.122	37.605	0.180	37.619	0.202	37.632	0.062
33.649	-0.021	33.661	0.019	33.683	0.116	33.694	0.165	37.642	-0.038	37.658	-0.125	37.664	-0.182	37.676	-0.173
33.712	0.174	33.723	0.139	33.733	0.052	33.747	-0.079	37.689	-0.106	37.698	-0.040	37.703	-0.009	37.709	0.017
33.760	-0.123	33.771	-0.123	33.785	-0.105	33.802	-0.008	37.715	0.061	37.719	0.092	37.727	0.110	37.736	0.119
33.820	0.041	33.831	0.059	33.845	0.063	33.855	0.041	37.744	0.102	37.756	0.054	37.763	0.019	37.773	-0.020
33.873	0.020	33.884	0.046	33.900	0.077	33.910	0.082	37.782	-0.046	37.792	-0.024	37.800	-0.015	37.809	-0.010
33.924	0.047	33.938	-0.005	33.948	-0.058	33.959	-0.084	37.826	-0.035	37.836	-0.074	37.848	-0.100	37.859	-0.122
34.035	0.119	34.059	0.044	34.081	0.005	34.101	-0.065	37.865	-0.139	37.872	-0.147	37.883	-0.138	37.891	-0.116
34.128	-0.104	34.139	-0.074	34.172	0.023	34.186	0.058	37.897	-0.089	37.904	-0.071	37.917	-0.062	37.924	-0.040
34.208	0.063	34.227	0.028	34.250	-0.016	34.279	-0.047	37.935	0.004	37.941	0.027	37.949	0.040	37.960	0.058
34.305	-0.051	34.322	-0.051	34.339	-0.020	34.352	0.002	37.971	0.046	37.980	0.037	37.989	0.016	37.997	-0.010
34.365	0.011	34.385	-0.015	34.411	0.011	34.425	0.024	38.008	-0.058	38.015	-0.088	38.025	-0.110	38.035	-0.114
34.437	0.007	34.458	-0.028	34.468	-0.028	34.494	-0.019	38.048	-0.096	38.060	-0.047	38.071	-0.028	38.077	0.077
34.508	-0.018	34.529	-0.027	34.557	-0.035	34.572	-0.031	38.086	0.126	38.092	0.148	38.102	0.157	38.117	0.145
34.591	-0.000	34.610	0.057	34.622	0.070	34.638	0.062	38.126	0.110	38.133	0.066	38.146	-0.016	38.150	-0.055
34.654	0.064	34.671	-0.021	34.683	-0.060	34.696	-0.100	38.156	-0.103	38.163	-0.129	38.168	-0.151	38.177	-0.133
34.710	-0.113	34.731	-0.064	34.759	-0.003	34.788	0.024	38.186	-0.098	38.196	-0.053	38.200	-0.049	38.207	-0.040
34.809	0.037	34.829	0.038	34.848	0.016	34.870	-0.015	38.214	-0.095	38.225	-0.100	38.231	-0.148	38.238	-0.178
34.894	-0.023	34.907	-0.032	34.919	0.008	34.948	0.109	38.249	-0.195	38.261	-0.185	38.274	-0.149	38.281	-0.096
35.035	-0.013	35.064	-0.004	35.090	0.031	35.018	-0.022	38.289	-0.034	38.299	0.045	38.311	0.112	38.322	0.130
35.129	0.053	35.148	0.001	35.212	-0.016	35.117	0.018	38.329	0.109	38.344	0.062	38.356	0.045	38.365	0.032
35.199	0.049	35.214	0.001	35.232	0.016	35.177	0.111	38.377	0.037	38.398	0.043	38.412	0.040	38.421	0.014
35.270	0.041	35.288	0.067	35.313	0.059	35.336	0.033	38.432	-0.038	38.451	-0.032	38.468	-0.036	38.475	-0.005
35.367	0.037	35.394	0.077	35.417	0.090	35.434	0.069	38.484	0.044	38.493	0.097	38.503	0.124	38.509	0.142
35.458	0.021	35.483	0.047	35.499	0.035	35.525	0.026	38.520	0.121	38.527	0.086	38.535	0.043	38.541	0.012
35.547	0.000	35.571	0.018	35.592	-0.012	35.610	-0.016	38.547	-0.014	38.558	-0.030	38.568	-0.030	38.583	-0.003
35.629	0.015	35.640	0.010	35.664	-0.003	35.683	0.020	38.598	0.025	38.608	0.043	38.617	0.052	38.627	0.022
35.706	0.052	35.717	0.090	35.727	0.108	35.738	0.086	38.637	-0.022	38.648	-0.069	38.658	-0.056	38.667	-0.038
35.753	-0.002	35.773	-0.071	35.788	-0.093	35.802	-0.062	38.683	-0.037	38.693	-0.032	38.706	0.008	38.725	0.049
35.823	0.038	35.839	0.082	35.848	0.117	35.857	0.091	38.736	0.089	38.746	0.107	38.761	0.094	38.772	0.055
35.877	0.038	35.892	-0.006	35.898	-0.006	35.921	0.002	38.783	-0.001	38.791	-0.049	38.799	-0.075	38.814	-0.083
35.942	0.028	35.962	0.059	35.983	0.067	35.999	0.054	38.825	-0.008	38.833	0.067	38.846	0.111	38.860	0.117
36.021	0.019	36.039	0.001	36.051	-0.008	36.063	0.018	38.876	0.091	38.888	0.057	38.899	0.022	38.910	0.005
36.084	0.048	36.105	0.057	36.127	0.039	36.153	0.017	38.926	-0.037	38.943	0.077	38.950	0.103	38.967	0.113
36.169	-0.023	36.187	-0.045	36.214	-0.033	36.224	-0.037	38.985	0.074	38.995	0.027	39.011	-0.038	39.024	-0.077
36.241	-0.007	36.264	0.042	36.283	0.050	36.307	0.041	39.031	-0.055	39.048	-0.019	39.068	0.034	39.081	-0.087
36.320	0.041	36.346	-0.012	36.364	0.002	36.389	0.015	39.092	0.109	39.109	0.123	39.126	0.106	39.137	0.054
36.414	0.041	36.429	0.059	36.449	0.037	36.465	-0.007	39.149	0.001	39.167	-0.033	39.193	-0.045	39.209	0.008
36.483	-0.033	36.502	-0.024	36.527	-0.002	36.560	0.016	39.218	0.030	39.235	0.057	39.257	0.036	39.271	0.028
36.576	0.029	36.587	-0.006	36.619	-0.001	36.634	-0.018	39.282	0.059	39.291	0.085	39.307	0.112	39.320	0.082
								39.334	0.048	39.349	-0.004	39.357	-0.044	39.365	-0.056
								39.377	-0.034	39.386	-0.003	39.393	0.024	39.405	0.007

39.415	-0.006	39.426	0.025	39.432	0.043	39.447	0.031	42.871	0.011	42.896	0.031	42.923	0.002	42.952	0.014
39.468	0.019	39.500	0.003	39.519	0.013	39.533	0.012	42.976	0.016	42.993	0.005	43.013	-0.012	43.031	-0.023
39.544	0.051	39.564	0.051	39.578	0.056	39.595	0.070	43.047	0.017	43.058	0.036	43.069	0.055	43.084	0.065
39.610	0.089	39.622	0.103	39.638	0.078	39.649	0.039	43.100	0.048	43.118	-0.003	43.136	-0.040	43.147	-0.079
39.660	0.005	39.669	-0.012	39.687	-0.020	39.707	-0.009	43.158	-0.109	43.166	-0.125	43.182	-0.089	43.209	-0.025
39.727	0.010	39.737	0.045	39.743	0.068	39.762	0.087	43.225	0.029	43.239	0.060	43.254	0.079	43.271	0.098
39.782	0.057	39.800	0.098	39.813	0.068	39.826	0.043	43.295	0.073	43.313	0.027	43.327	-0.007	43.341	-0.046
39.839	0.057	39.857	0.054	39.874	0.020	39.887	0.014	43.352	-0.067	43.366	-0.083	43.380	-0.056	43.397	-0.002
39.901	-0.039	39.917	-0.052	39.942	-0.015	39.958	0.039	43.412	0.030	43.424	0.070	43.446	0.050	43.467	0.051
39.973	0.088	39.983	0.111	39.989	0.129	40.004	0.108	43.481	0.039	43.494	0.018	43.504	-0.012	43.519	-0.046
40.015	0.089	40.030	0.013	40.039	-0.021	40.049	0.065	43.533	-0.050	43.549	-0.058	43.565	-0.022	43.578	0.014
40.067	-0.033	40.077	-0.010	40.085	0.008	40.104	0.004	43.591	0.042	43.609	0.047	43.622	0.044	43.630	0.018
40.122	0.001	40.138	0.002	40.151	0.016	40.162	0.069	43.650	0.050	43.668	0.031	43.684	0.039	43.695	0.018
40.171	0.113	40.184	0.131	40.194	0.106	40.208	0.058	43.706	-0.008	43.716	-0.029	43.728	-0.037	43.744	-0.001
40.217	0.010	40.228	-0.042	40.238	-0.063	40.248	-0.072	43.761	0.040	43.777	0.063	43.790	0.085	43.807	0.100
40.266	-0.053	40.288	-0.009	40.305	0.027	40.316	0.067	43.819	-0.118	43.836	0.097	43.858	0.041	43.875	-0.001
40.326	0.090	40.344	0.108	40.355	0.126	40.372	0.100	43.889	-0.018	43.904	-0.035	43.922	-0.034	43.941	-0.006
40.384	0.061	40.393	0.014	40.405	-0.034	40.411	-0.073	43.960	0.030	43.975	0.057	43.989	0.071	44.001	0.076
40.423	-0.090	40.437	-0.068	40.453	-0.041	40.463	-0.022	44.011	0.051	44.028	0.012	44.036	-0.027	44.046	-0.053
40.469	-0.018	40.485	-0.030	40.498	-0.056	40.510	-0.029	44.061	-0.078	44.074	-0.090	44.086	-0.094	44.101	-0.058
40.522	0.020	40.534	0.064	40.545	0.109	40.556	0.131	44.118	-0.022	44.131	0.010	44.142	0.010	44.158	0.046
40.567	0.110	40.582	0.040	40.590	-0.025	40.600	-0.073	44.167	0.060	44.179	0.074	44.198	0.053	44.214	0.010
40.608	-0.094	40.620	-0.107	40.635	-0.066	40.647	-0.026	44.228	-0.033	44.235	-0.039	44.247	-0.084	44.259	-0.096
40.664	0.010	40.685	0.024	40.702	0.056	40.711	0.074	44.274	-0.052	44.288	0.002	44.303	0.034	44.315	0.069
40.722	0.092	40.738	0.063	40.750	0.033	40.758	-0.019	44.333	0.079	44.347	0.089	44.358	0.099	44.377	0.056
40.769	-0.045	40.781	-0.053	40.803	-0.026	40.814	0.006	44.393	0.000	44.403	-0.048	44.411	-0.073	44.424	-0.099
40.830	0.073	40.845	0.109	40.858	0.131	40.873	0.097	44.441	-0.076	44.453	-0.023	44.465	0.009	44.476	0.040
40.889	0.089	40.905	0.073	40.919	0.030	40.932	0.018	44.487	0.063	44.498	0.081	44.512	0.047	44.526	0.017
40.944	-0.052	40.958	-0.073	40.976	-0.037	41.002	0.017	44.537	-0.013	44.545	-0.043	44.559	-0.038	44.574	-0.015
41.025	0.071	41.048	0.099	41.069	0.118	41.092	0.098	44.581	-0.001	44.666	0.006	44.680	0.009	44.697	-0.003
41.107	0.046	41.121	-0.005	41.134	-0.053	41.144	-0.078	44.651	0.002	44.666	0.016	44.689	0.039	44.698	0.057
41.158	-0.090	41.173	-0.058	41.188	-0.022	41.201	0.031	44.713	0.075	44.728	0.050	44.742	0.029	44.752	0.011
41.213	0.045	41.223	0.068	41.238	0.048	41.256	0.005	44.770	0.026	44.786	0.031	44.802	0.045	44.815	0.050
41.264	-0.003	41.279	0.025	41.292	0.043	41.316	0.024	44.832	0.029	44.844	0.003	44.856	-0.023	44.881	-0.004
41.341	0.009	41.358	-0.016	41.369	-0.028	41.386	-0.009	44.895	0.010	44.922	0.020	44.946	0.026	44.968	0.036
41.402	0.019	41.423	0.034	41.443	0.023	41.464	-0.028	44.986	0.046	45.004	0.073	45.013	0.091	45.021	0.105
41.484	-0.066	41.499	-0.095	41.511	-0.107	41.527	-0.071	45.039	0.075	45.053	0.050	45.124	0.032	45.136	0.055
41.547	0.001	41.563	0.038	41.579	0.061	41.595	0.058	45.089	-0.023	45.108	-0.004	45.189	-0.025	45.207	-0.042
41.616	0.025	41.639	-0.022	41.658	-0.047	41.682	-0.076	45.134	0.043	45.172	0.004	45.255	0.013	45.278	0.045
41.696	-0.092	41.712	-0.113	41.725	-0.125	41.737	-0.067	45.230	-0.001	45.240	0.004	45.349	-0.005	45.363	-0.022
41.748	-0.027	41.761	0.031	41.770	0.080	41.784	0.112	45.313	-0.042	45.330	0.025	45.349	-0.005	45.363	-0.022
41.793	0.126	41.798	0.139	41.811	0.118	41.830	0.037	45.388	-0.034	45.413	-0.033	45.428	-0.014	45.438	0.026
41.847	-0.036	41.865	-0.083	41.882	-0.104	41.900	-0.076	45.452	0.044	45.466	0.075	45.480	0.094	45.500	0.108
41.914	-0.026	41.929	0.032	41.941	0.090	41.950	0.108	45.519	0.065	45.534	0.051	45.550	-0.034	45.568	-0.055
41.963	0.118	41.987	0.085	42.002	0.046	42.018	0.008	45.592	-0.062	45.613	-0.052	45.623	-0.025	45.640	0.002
42.028	-0.017	42.047	0.002	42.055	0.003	42.071	-0.018	45.661	0.013	45.683	0.010	45.707	-0.001	45.728	-0.022
42.085	-0.030	42.103	-0.007	42.116	0.016	42.130	0.053	45.747	-0.011	45.782	-0.022	45.801	-0.003	45.819	0.047
42.154	0.072	42.170	0.021	42.187	0.009	42.205	0.006	45.829	0.065	45.844	0.079	45.854	0.079	45.872	0.100
42.225	0.025	42.234	0.039	42.257	0.028	42.283	0.043	45.881	-0.024	45.888	-0.032	45.901	-0.010	45.920	0.013
42.300	0.057	42.314	0.072	42.329	0.082	42.349	0.061	45.939	0.054	45.996	0.077	45.959	0.077	45.970	0.100
42.367	0.036	42.390	0.025	42.408	0.031	42.431	0.059	45.983	0.074	45.996	0.049	46.007	0.019	46.016	0.006
42.457	0.052	42.478	0.024	42.510	0.083	42.539	0.073	46.025	0.046	46.037	0.059	46.054	0.034	46.063	0.008
42.573	0.041	42.594	0.021	42.617	0.005	42.634	0.024	46.072	-0.014	46.078	-0.031	46.084	-0.044	46.091	-0.030
42.647	0.008	42.669	0.001	42.686	-0.024	42.706	-0.022	46.104	-0.017	46.112	-0.007	46.123	0.002	46.131	0.007
42.734	0.012	42.750	0.035	42.760	0.053	42.775	0.094	46.147	0.016	46.161	0.034	46.174	0.026	46.180	0.009
42.793	0.070	42.809	0.049	42.826	0.042	42.846	0.017	46.187	-0.004	46.200	-0.012	46.214	0.001	46.227	0.028

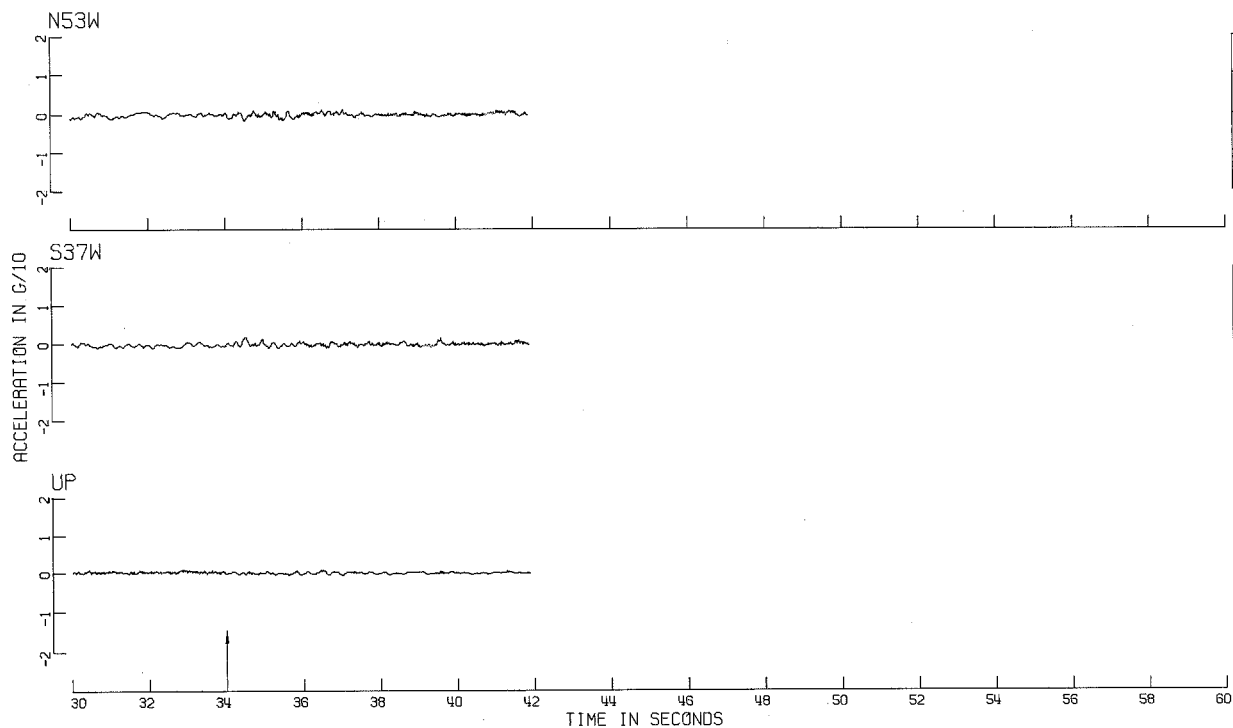
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46.306	0.019	46.320	0.024	46.333	0.038	46.347	0.021	50.496	0.007	50.508	0.012	50.525	0.030	50.541	0.048
46.357	-0.009	46.366	-0.026	46.383	-0.034	46.399	-0.021	50.564	0.061	50.586	0.071	50.608	0.058	50.629	0.032
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46.488	-0.007	46.501	0.020	46.514	0.047	46.524	0.070								
46.532	0.084	46.546	0.067	46.559	0.046	46.571	0.024								
46.587	-0.001	46.604	-0.005	46.619	-0.008	46.641	-0.021								
46.663	-0.020	46.677	-0.032	46.699	-0.027	46.709	-0.009								
46.723	0.018	46.739	-0.017	46.748	-0.034	46.765	-0.047								
46.806	-0.027	46.816	-0.010	46.827	0.017	46.848	0.022								
46.863	0.035	46.886	0.031	46.901	0.014	46.917	-0.003								
46.929	-0.011	46.945	-0.024	46.965	-0.011	46.975	0.020								
46.986	0.034	46.992	0.060	47.003	0.069	47.013	0.082								
47.023	0.065	47.033	0.035	47.040	0.013	47.047	-0.009								
47.061	-0.026	47.066	-0.039	47.080	-0.048	47.081	-0.052								
47.097	-0.052	47.109	-0.038	47.125	-0.033	47.142	-0.024								
47.160	-0.006	47.175	0.020	47.196	0.056	47.212	0.065								
47.226	0.043	47.245	0.030	47.265	-0.013	47.289	-0.018								
47.316	0.009	47.333	0.031	47.348	0.040	47.364	0.027								
47.387	-0.012	47.409	-0.021	47.450	-0.012	47.478	-0.016								
47.497	-0.025	47.520	-0.003	47.529	0.014	47.550	0.032								
47.566	0.032	47.588	0.010	47.612	0.001	47.631	0.010								
47.645	0.023	47.658	0.019	47.679	0.023	47.697	0.032								
47.713	0.058	47.726	0.071	47.741	0.071	47.755	0.050								
47.766	0.028	47.780	-0.003	47.795	-0.021	47.811	-0.012								
47.829	0.015	47.853	0.041	47.875	0.068	47.886	0.072								
47.901	0.072	47.920	0.051	47.936	0.025	47.959	-0.019								
47.973	-0.032	47.996	-0.014	48.015	-0.001	48.034	0.017								
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48.116	0.038	48.133	0.003	48.151	0.004	48.162	0.004								
48.184	0.031	48.196	0.032	48.212	0.019	48.231	0.002								
48.245	0.003	48.263	-0.005	48.275	0.004	48.300	0.010								
48.311	0.010	48.323	0.002	48.342	-0.019	48.356	-0.014								
48.374	0.008	48.394	0.027	48.408	0.049	48.423	0.050								
48.437	0.042	48.452	0.012	48.471	-0.027	48.491	-0.044								
48.508	-0.034	48.530	0.010	48.545	0.046	48.568	0.064								
48.587	0.065	48.603	0.052	48.622	0.014	48.647	-0.025								
48.663	-0.042	48.679	-0.041	48.710	-0.022	48.737	-0.017								
48.768	0.002	48.802	0.003	48.825	0.004	48.833	-0.005								
48.853	-0.039	48.874	-0.039	48.892	-0.029	48.920	0.006								
48.938	0.024	48.953	0.034	48.972	0.039	48.986	0.030								
49.003	0.026	49.021	0.000	49.044	-0.030	49.055	-0.034								
49.081	-0.017	49.101	-0.003	49.128	0.023	49.157	0.037								
49.178	0.041	49.197	0.015	49.216	-0.011	49.233	-0.023								
49.252	-0.010	49.287	-0.005	49.331	0.005	49.362	0.010								
49.392	0.015	49.425	0.007	49.470	0.008	49.501	0.018								
49.535	0.028	49.559	0.028	49.588	0.025	49.615	0.004								
49.631	-0.001	49.676	0.000	49.708	0.009	49.727	0.032								
49.748	0.036	49.776	0.011	49.786	-0.002	49.808	-0.011								
49.821	0.003	49.845	0.025	49.870	0.034	49.892	0.048								
49.911	0.052	49.937	0.040	49.957	0.009	49.972	-0.004								
50.000	-0.008	50.018	0.001	50.035	0.024	50.053	0.072								
50.065	0.090	50.079	0.099	50.098	0.082	50.119	0.039								
50.141	0.013	50.165	0.013	50.183	0.027	50.204	0.049								
50.228	0.059	50.246	0.059	50.273	0.051	50.290	0.029								
50.305	0.016	50.327	0.003	50.349	0.017	50.366	0.030								

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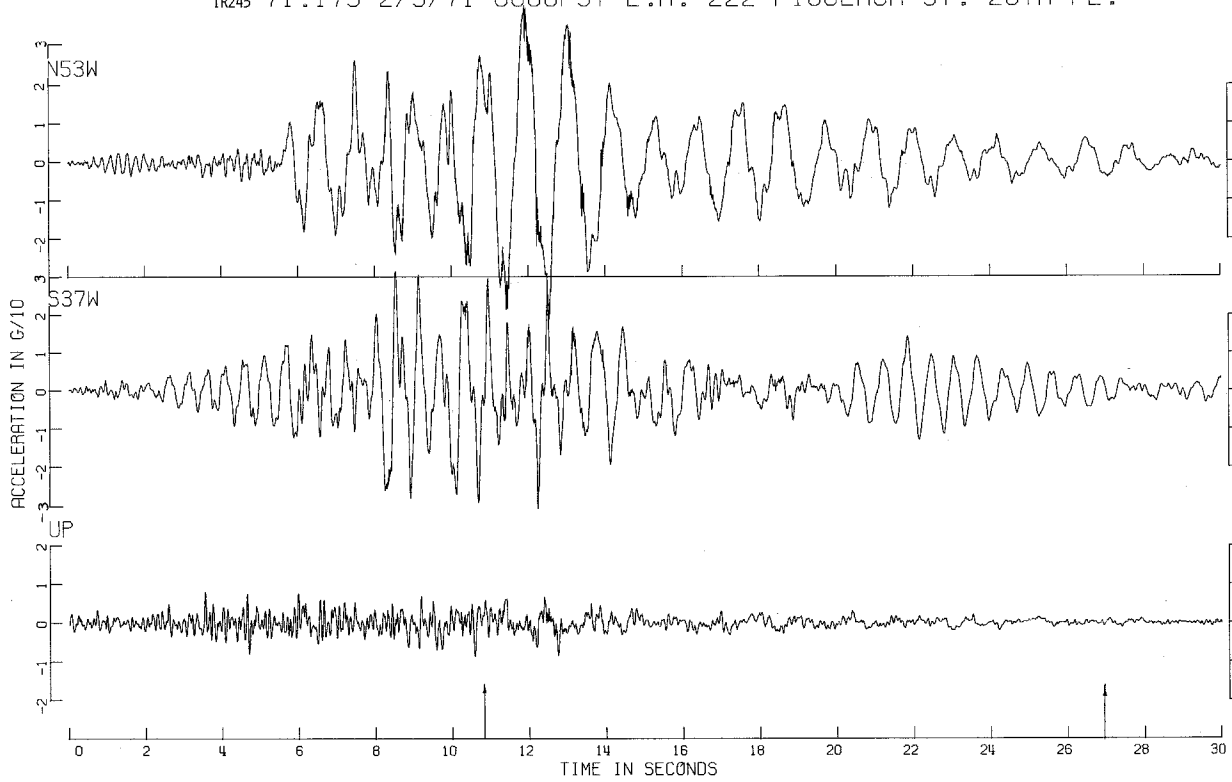


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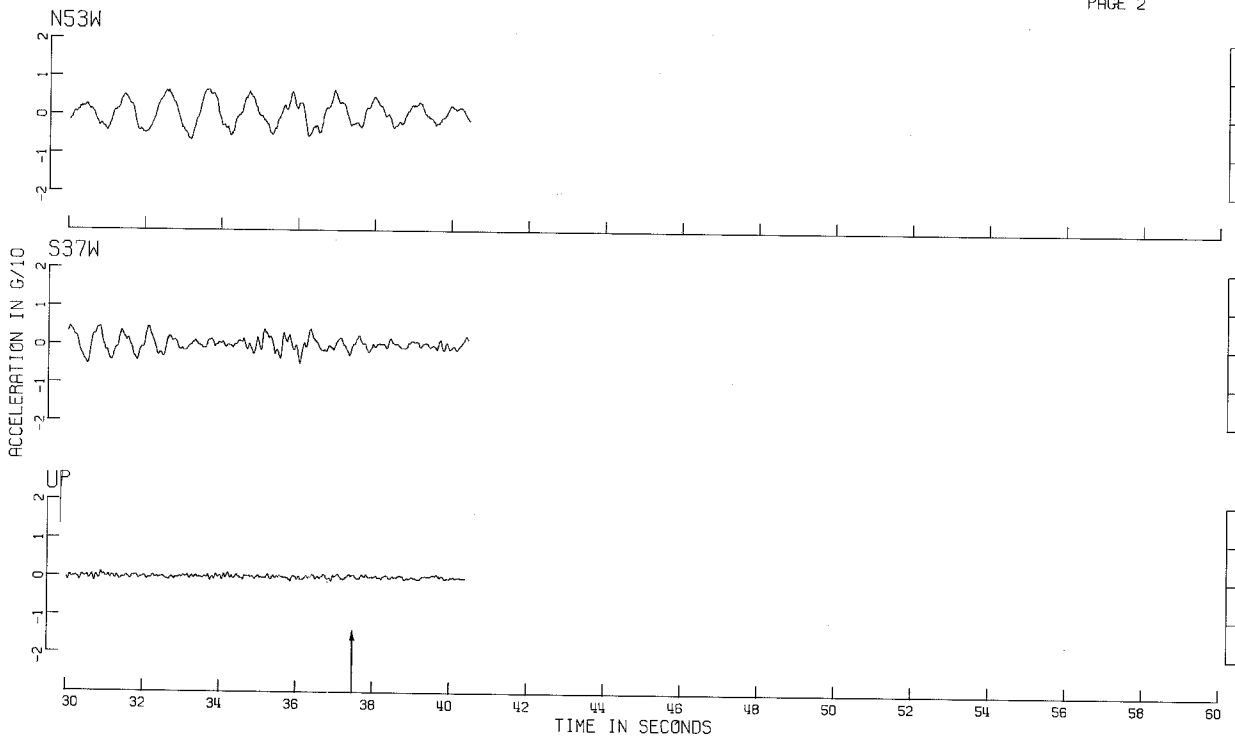


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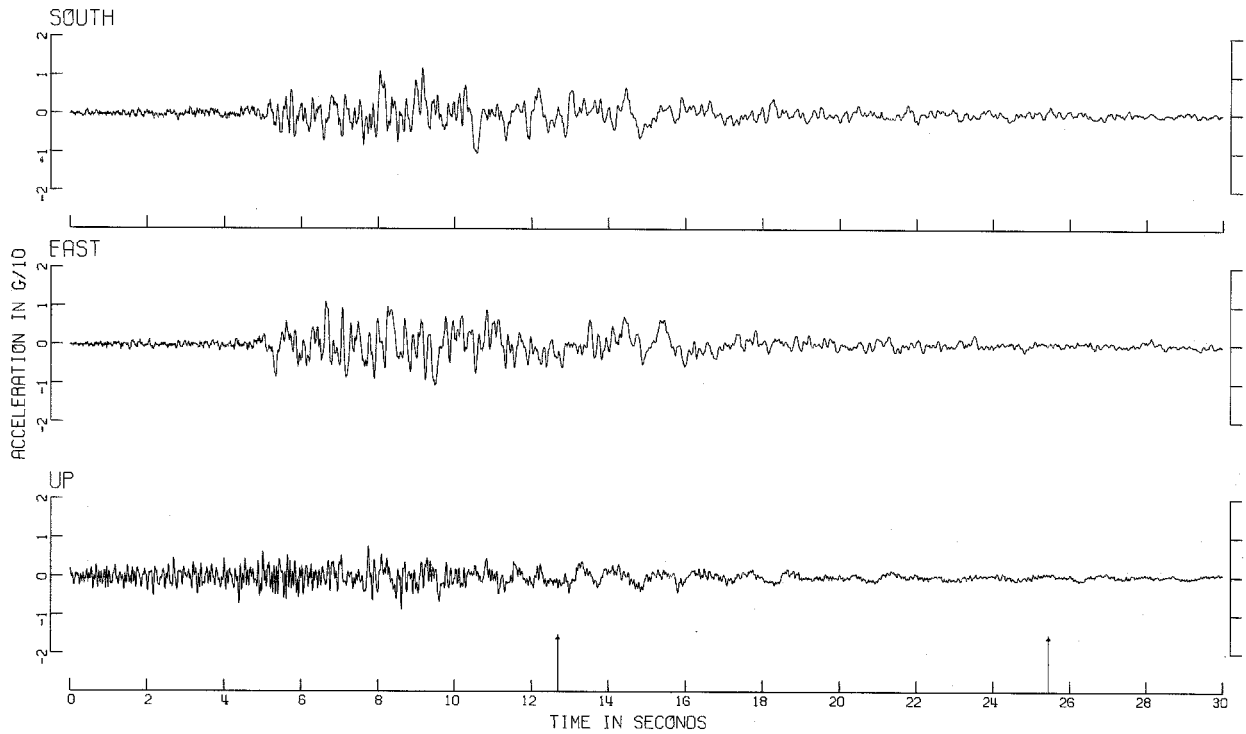


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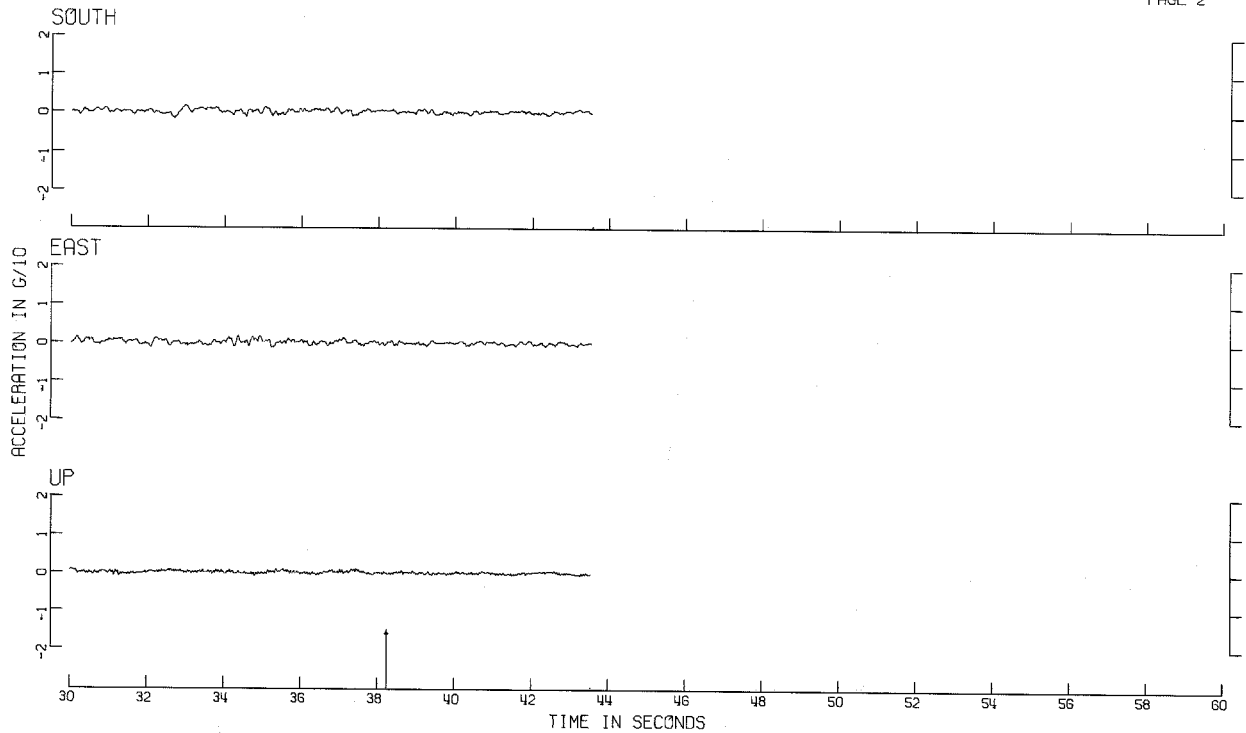


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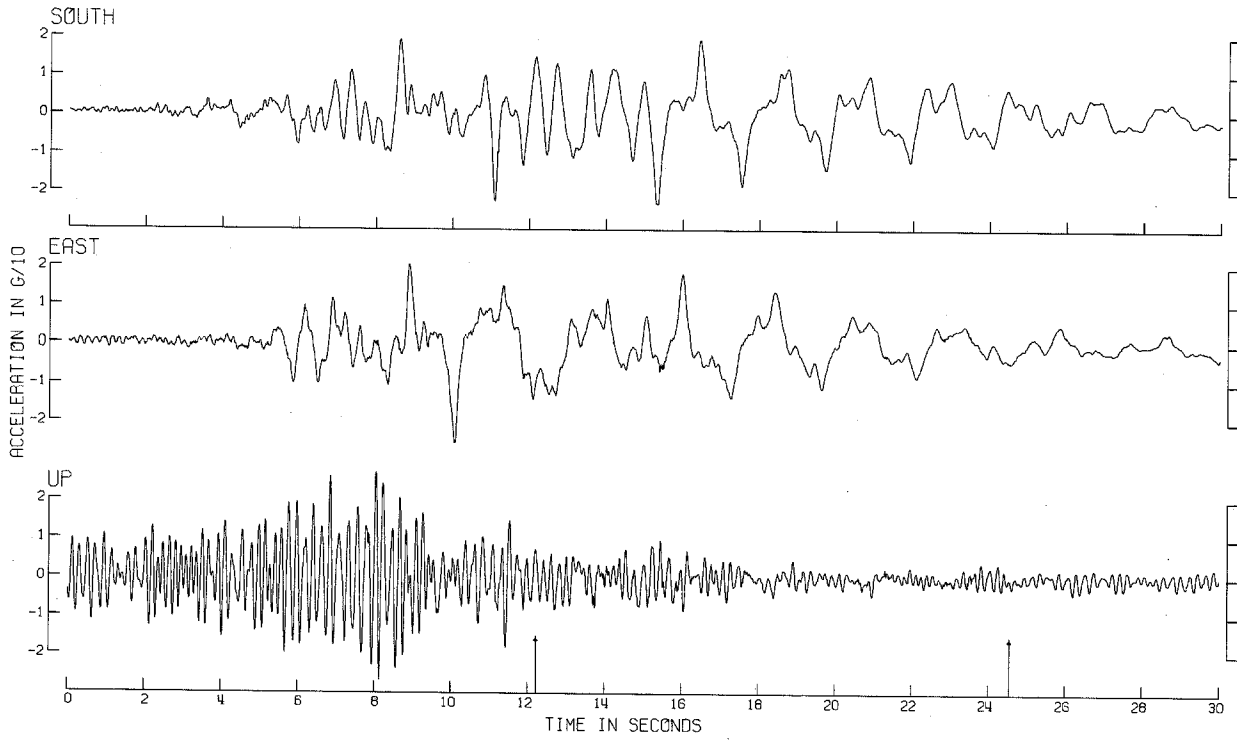


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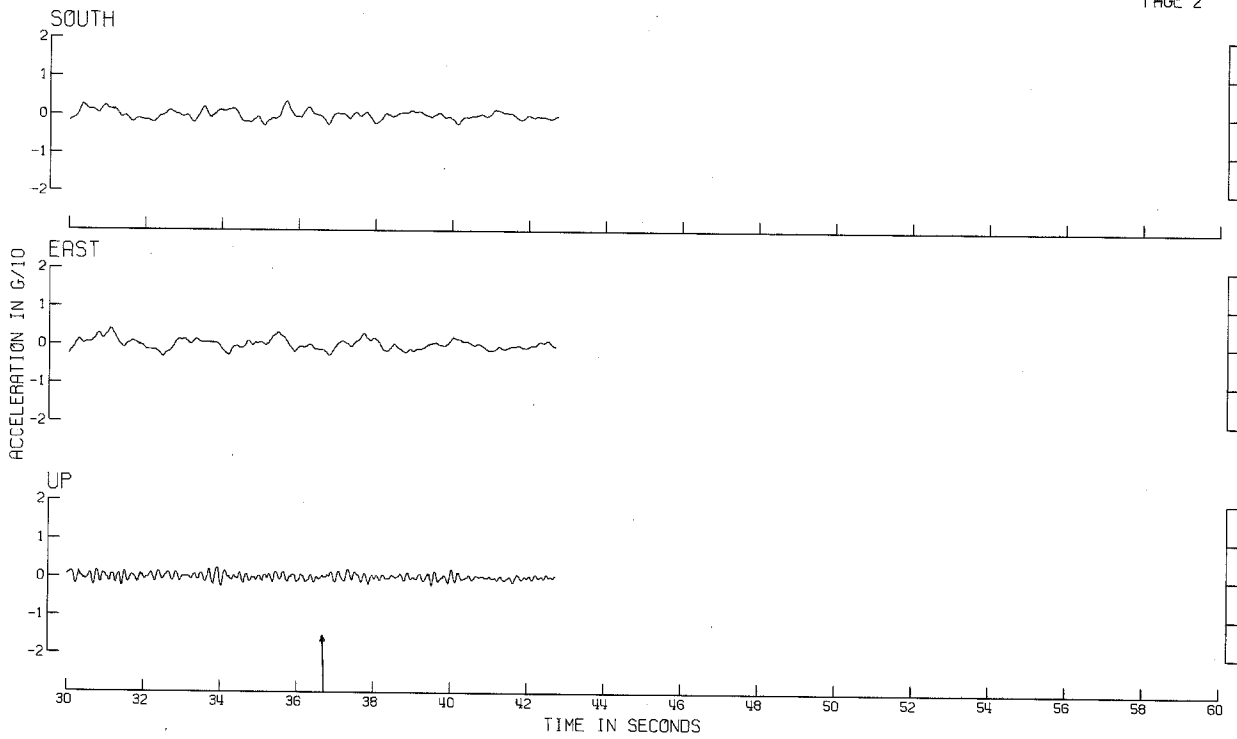


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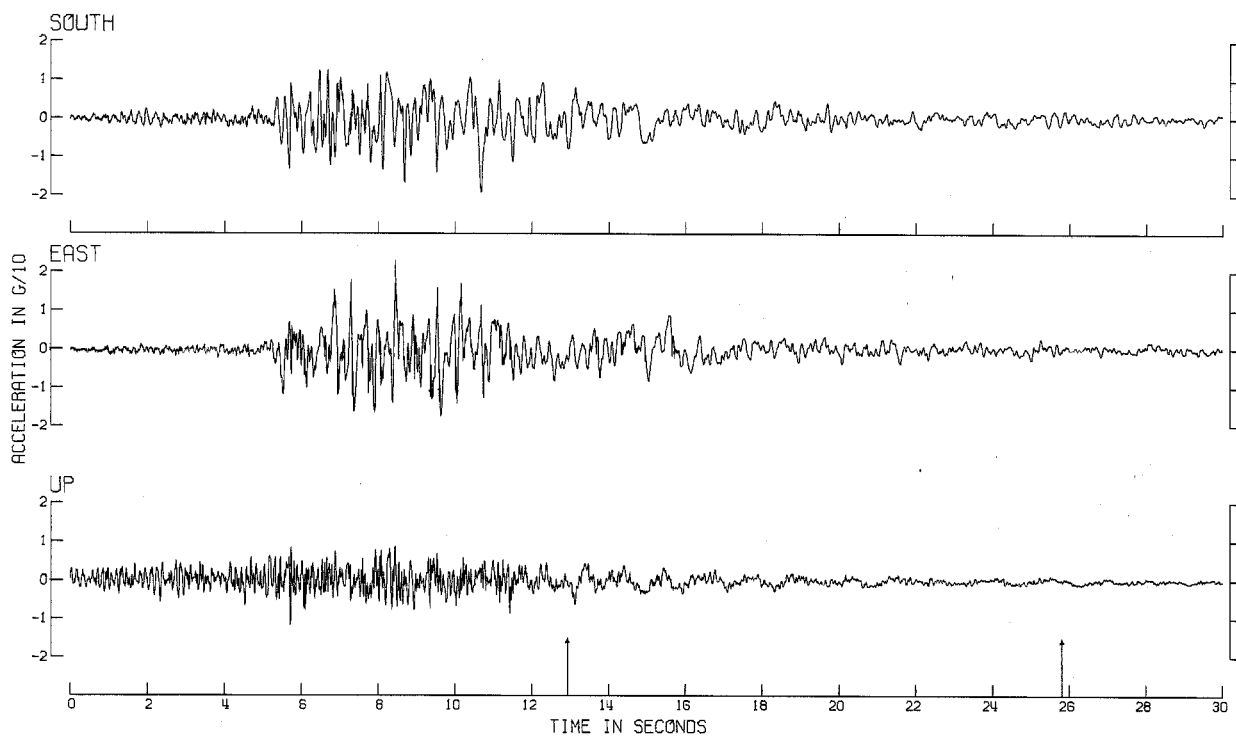


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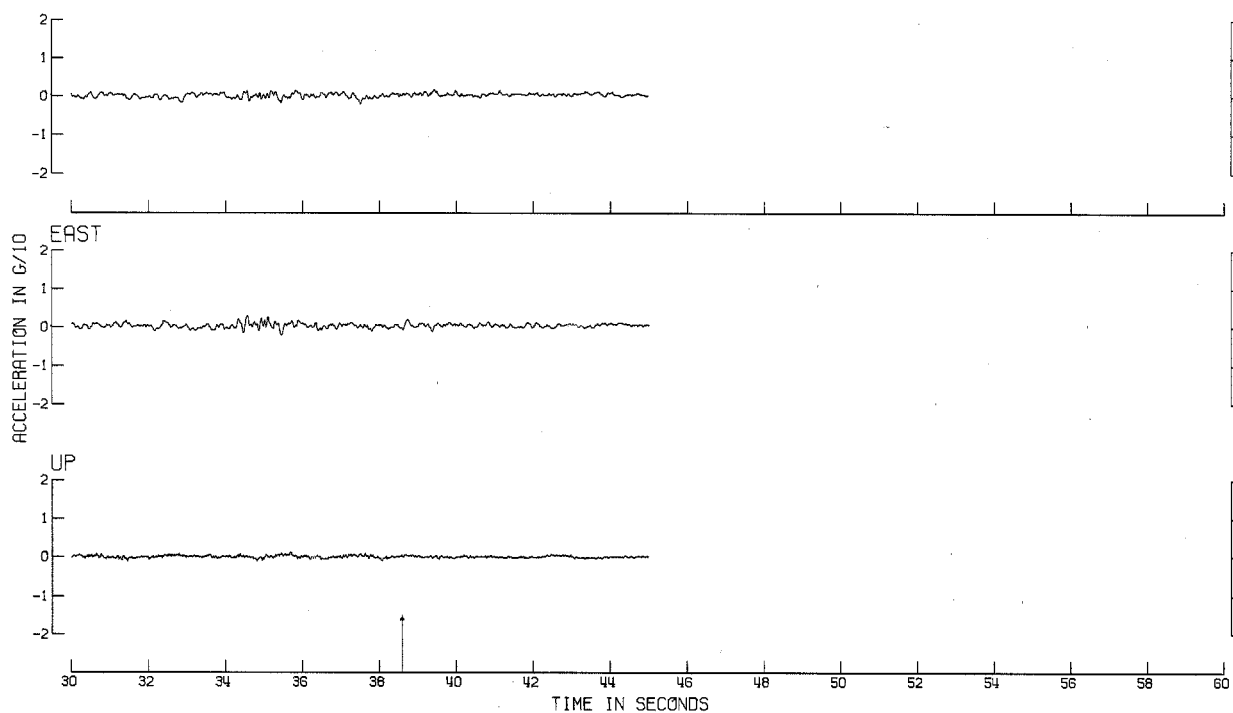


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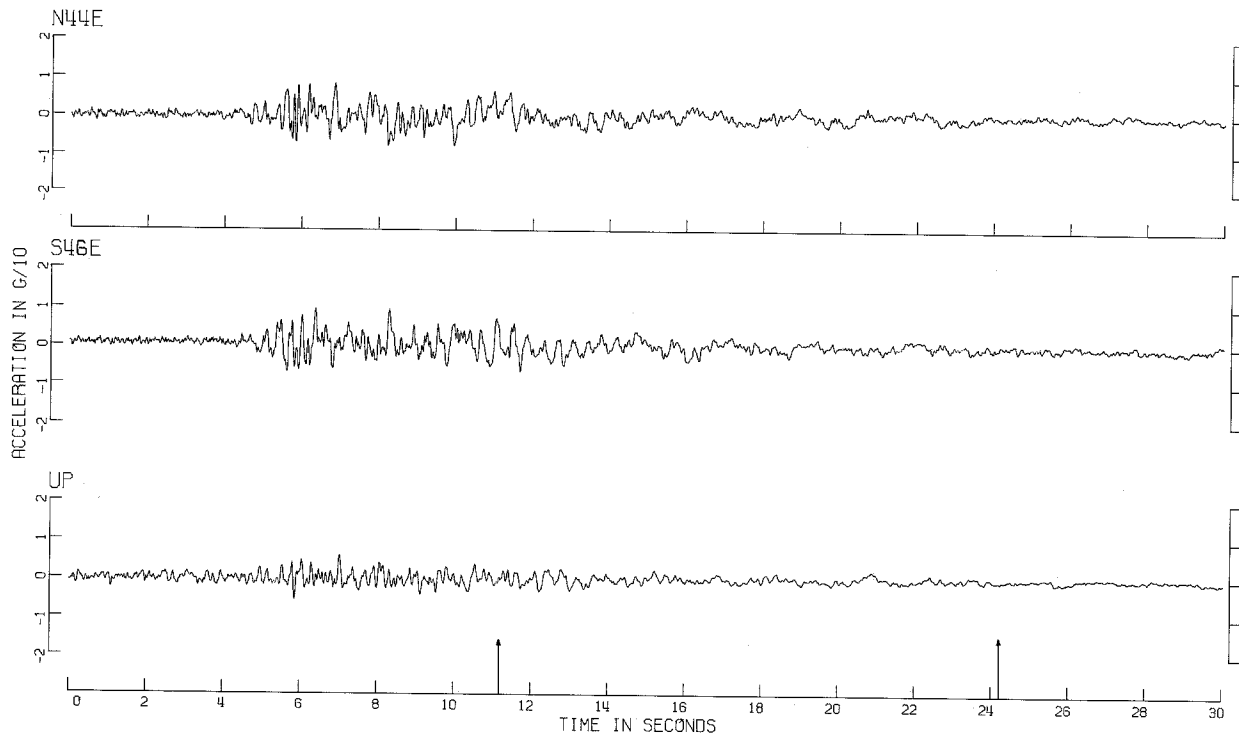


IR248 71.194 2/9/71 0600PST L.A. 6430 SUNSET BLVD. 1ST FL.

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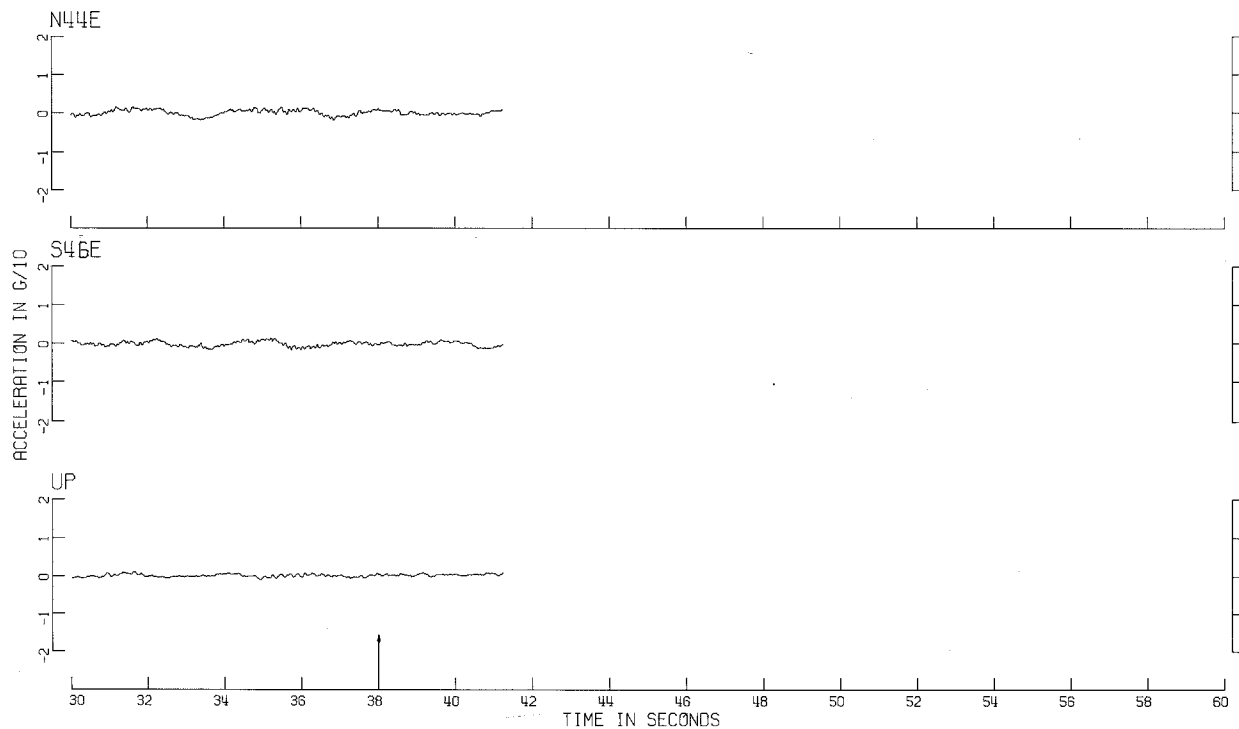


IR249 71.196 2/9/71 0600PST LA 1900 AVENUE OF THE STARS BSMT.

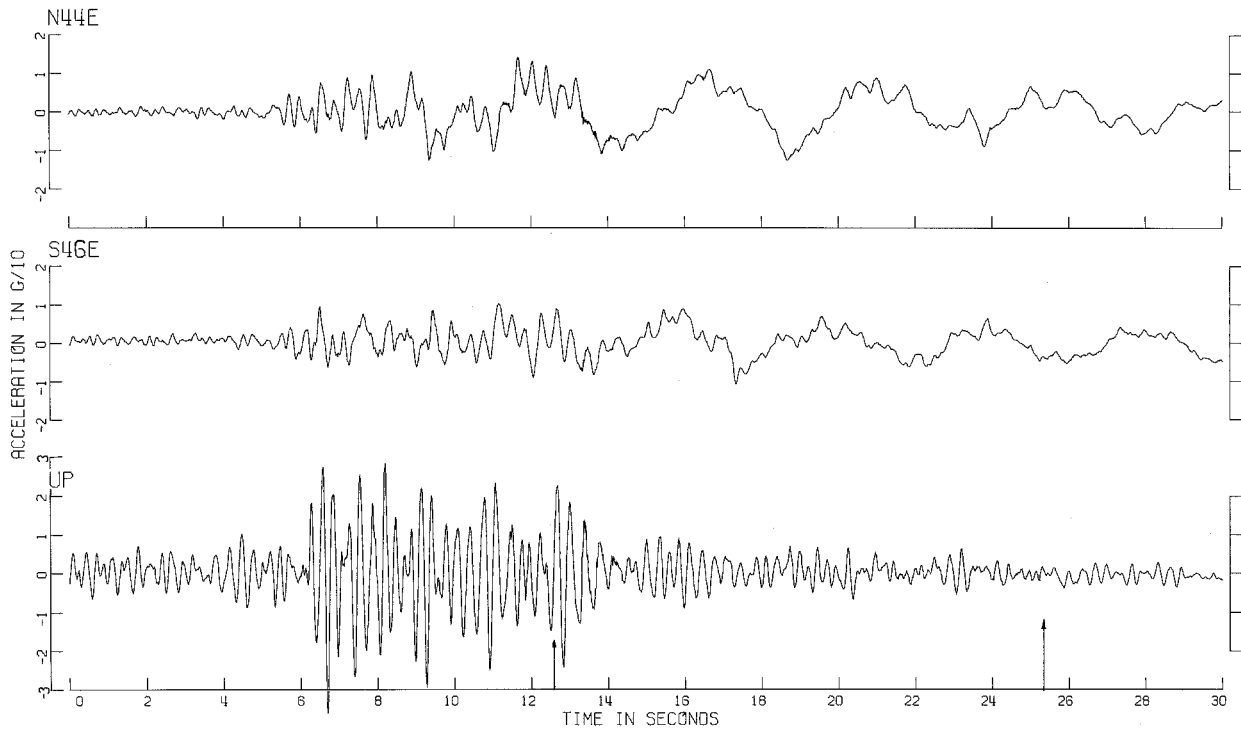


IR249 71.196 2/9/71 0600PST LA 1900 AVENUE OF THE STARS BSMT.

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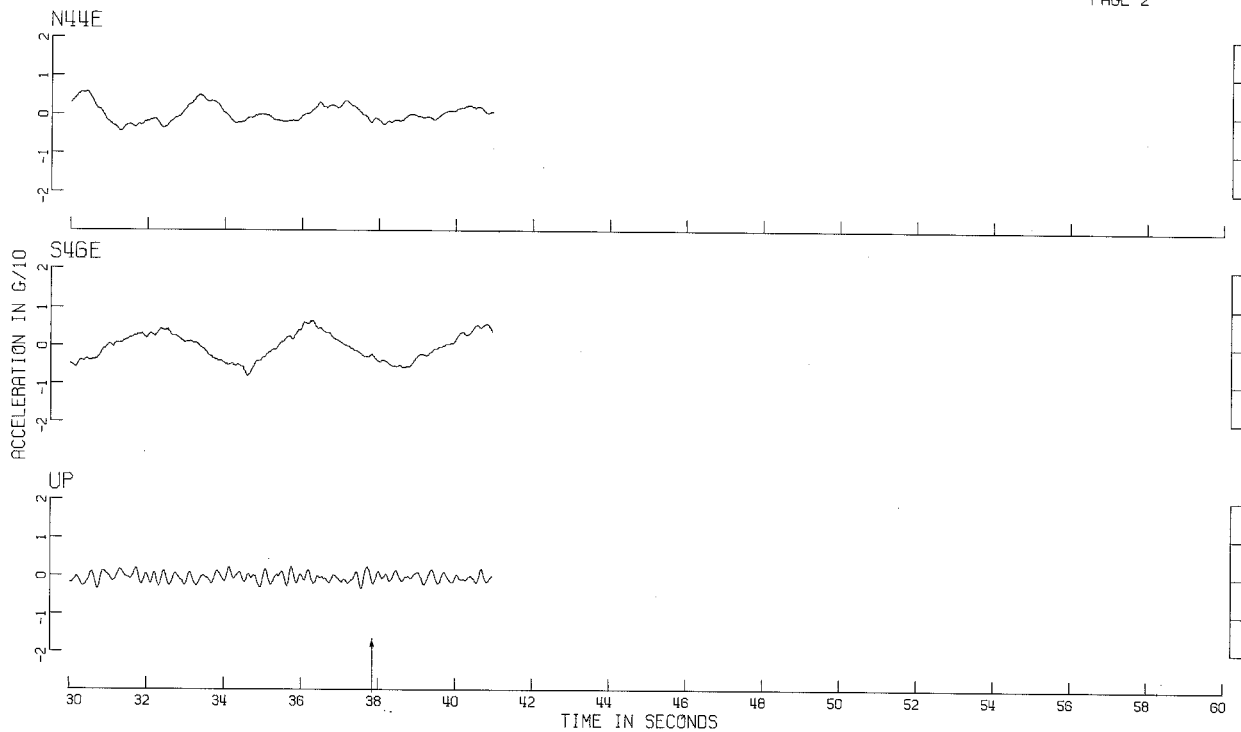


IR250 71.197 2/9/71 0600PST LA 1900 AVENUE OF THE STARS 29 FL.

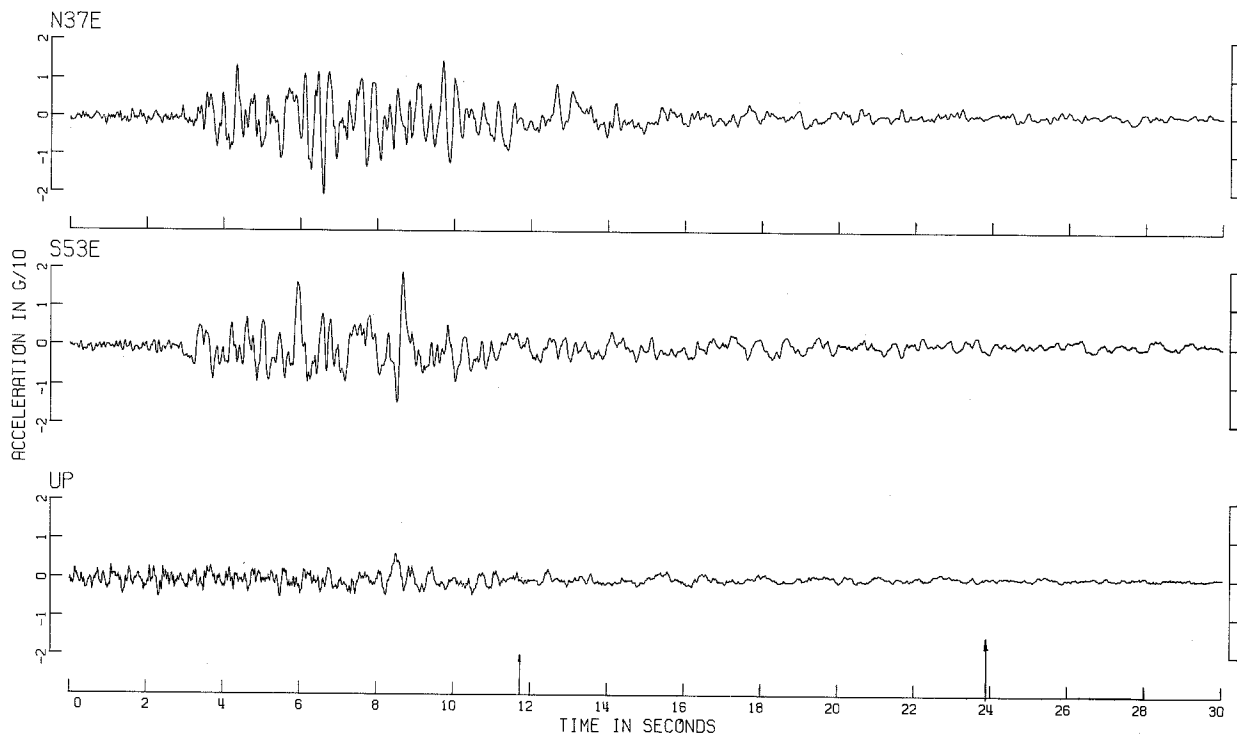


IR250 71.197 2/9/71 0600PST LA 1900 AVENUE OF THE STARS 29 FL.

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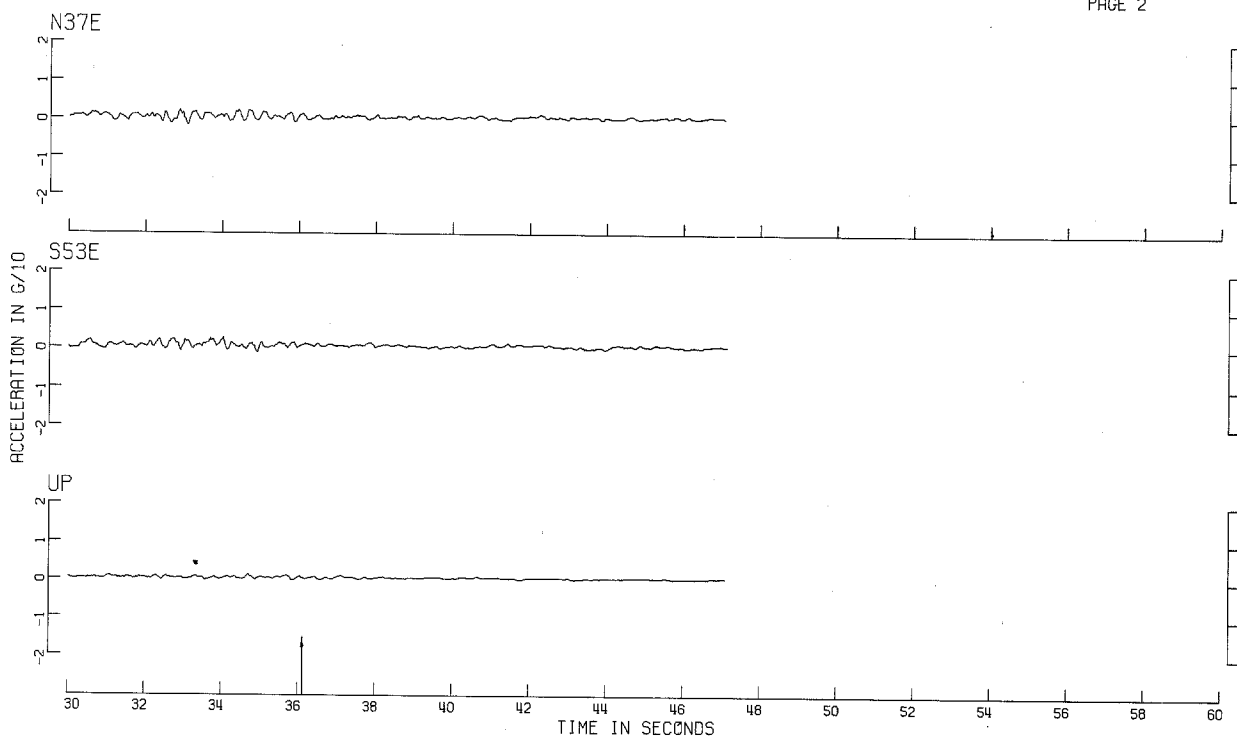


IR251 71.198 2/9/71 0600PST L.A. 234 FIGUEROA ST. BASEMENT

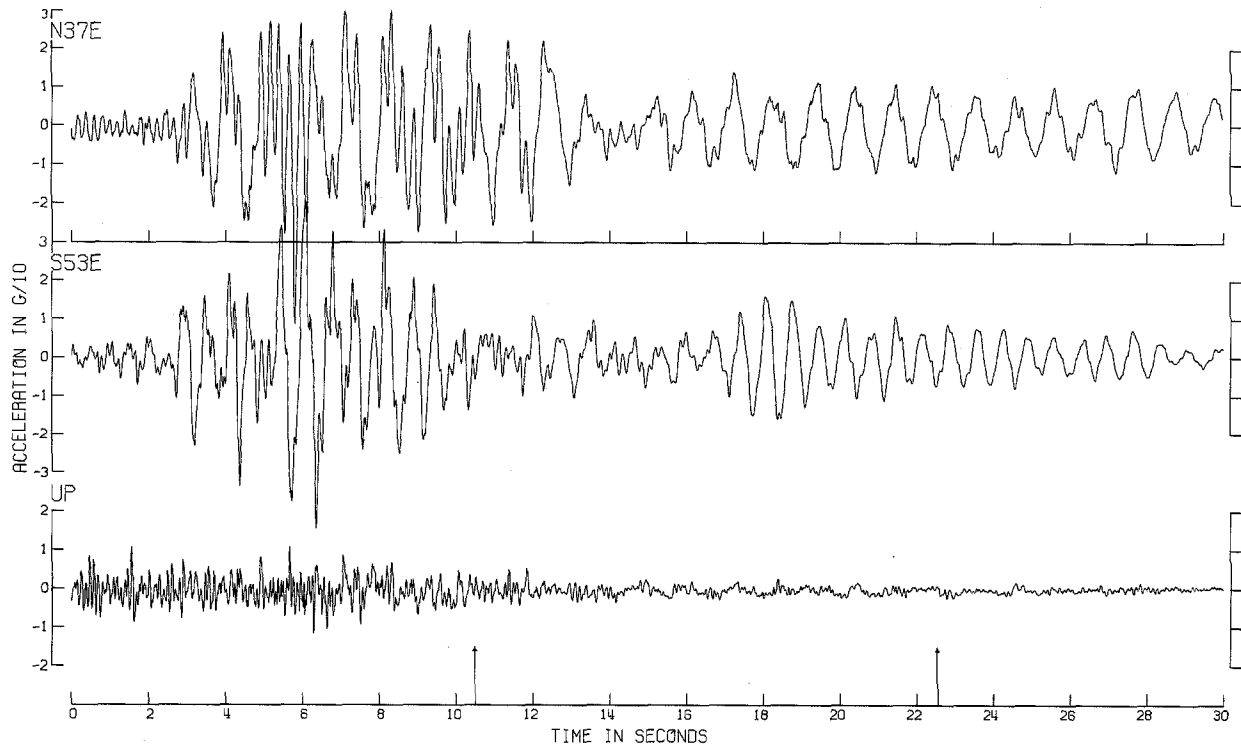


IR251 71.198 2/9/71 0600PST L.A. 234 FIGUEROA ST. BASEMENT

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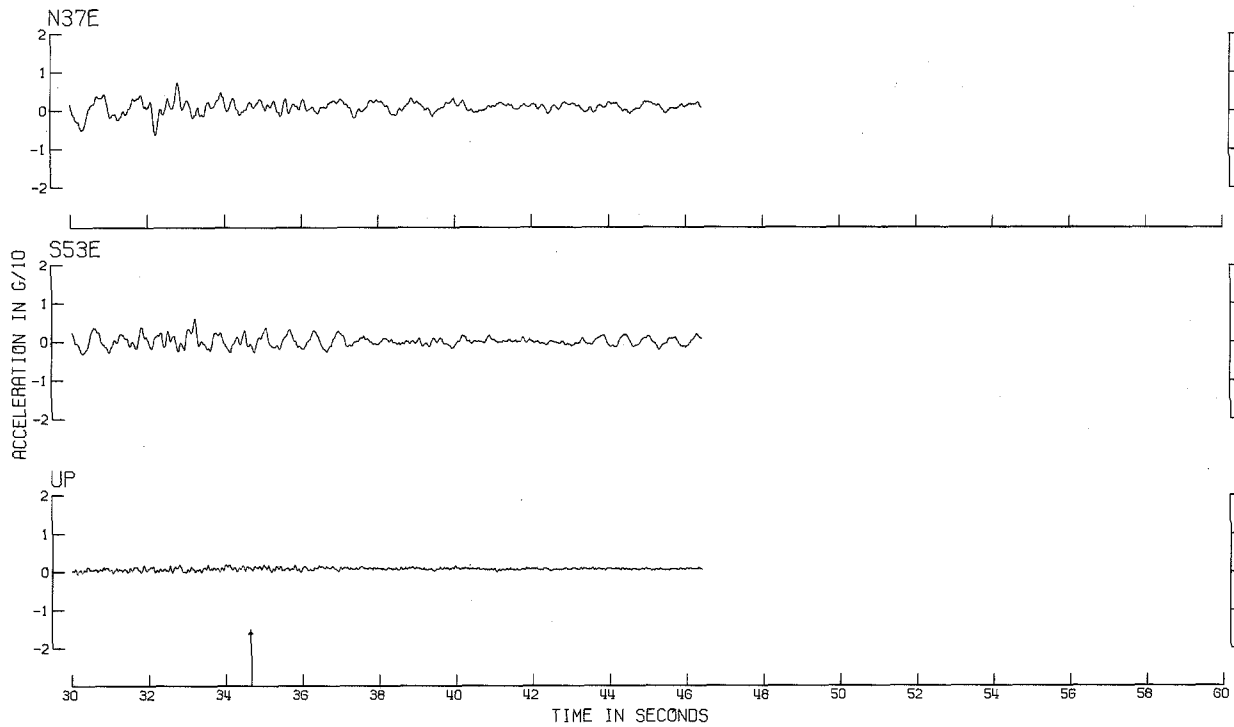


IR252 71.199 2/9/71 0600PST L.A. 234 FIGUEROA ST. ROOF

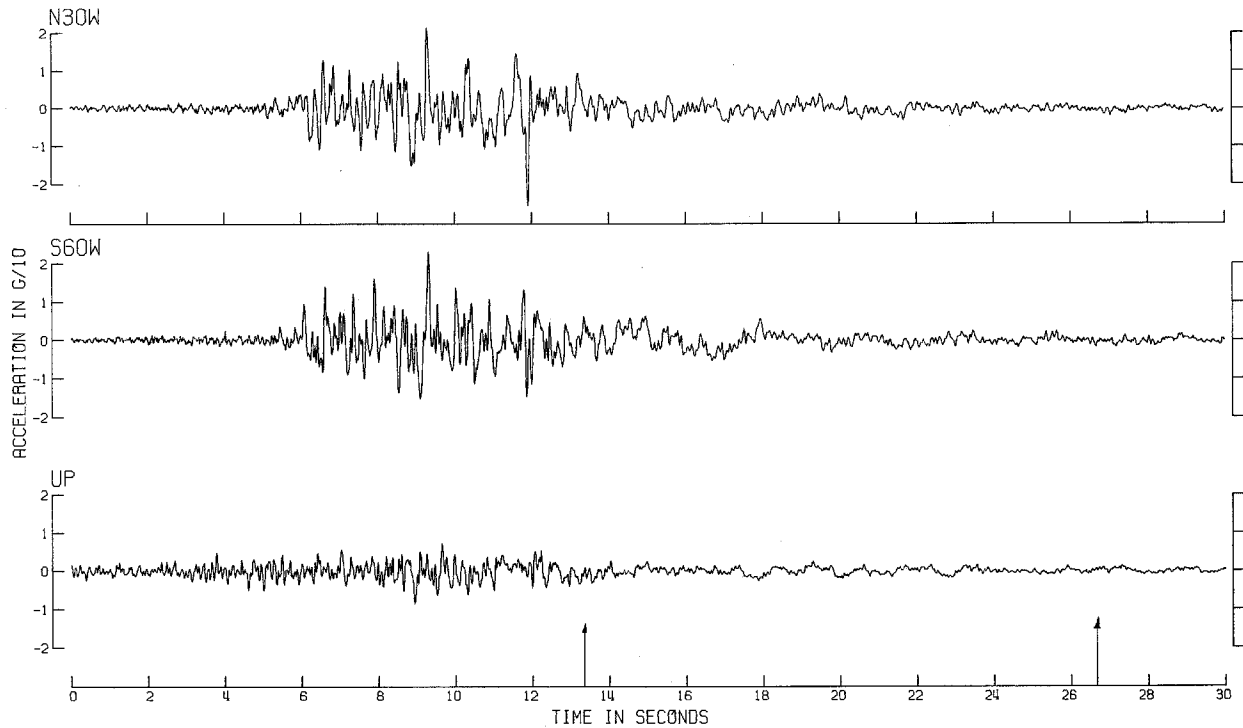


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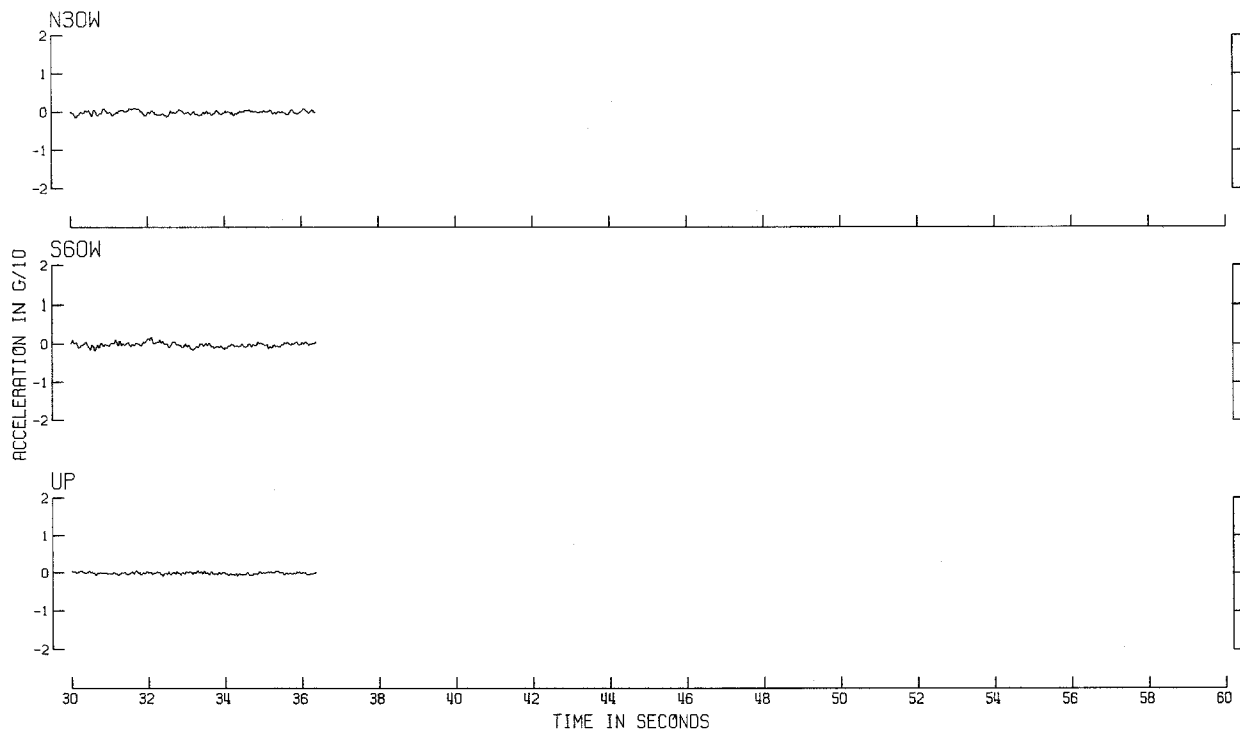
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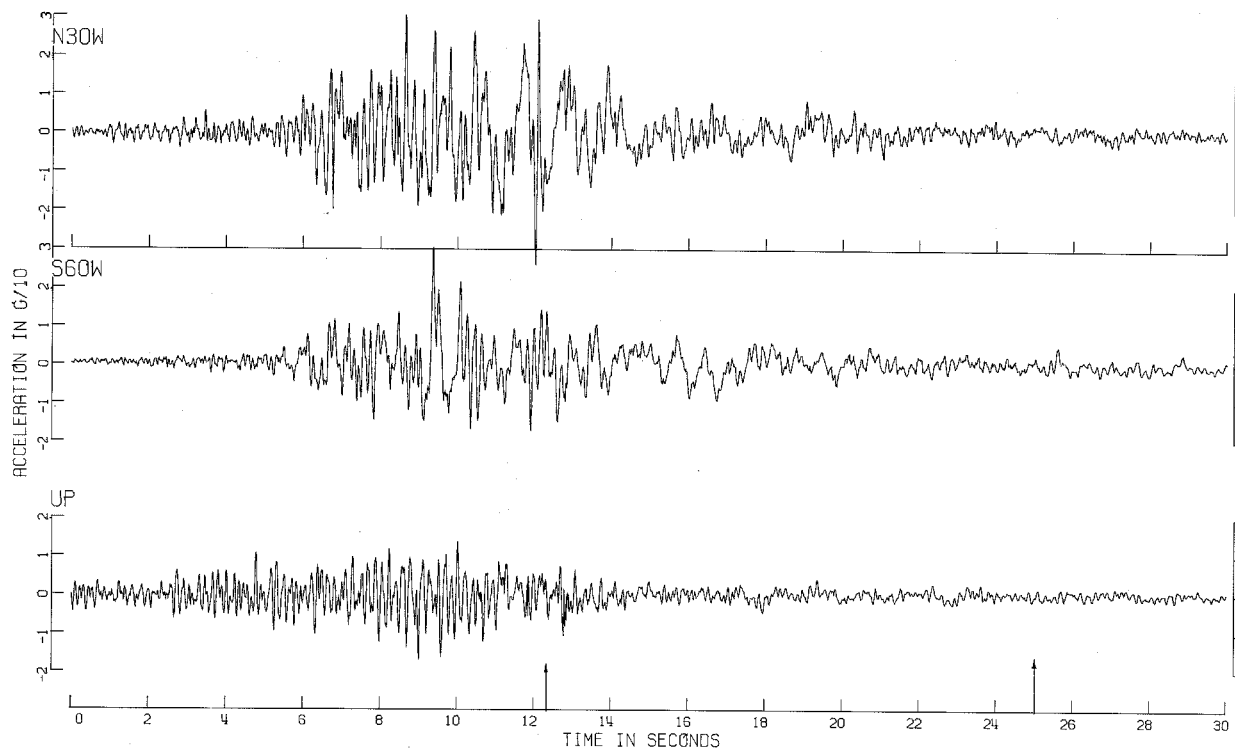
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IR253 71.200 2/9/71 0600PST 533 S FREMONT AVE, L.A. BSMT.

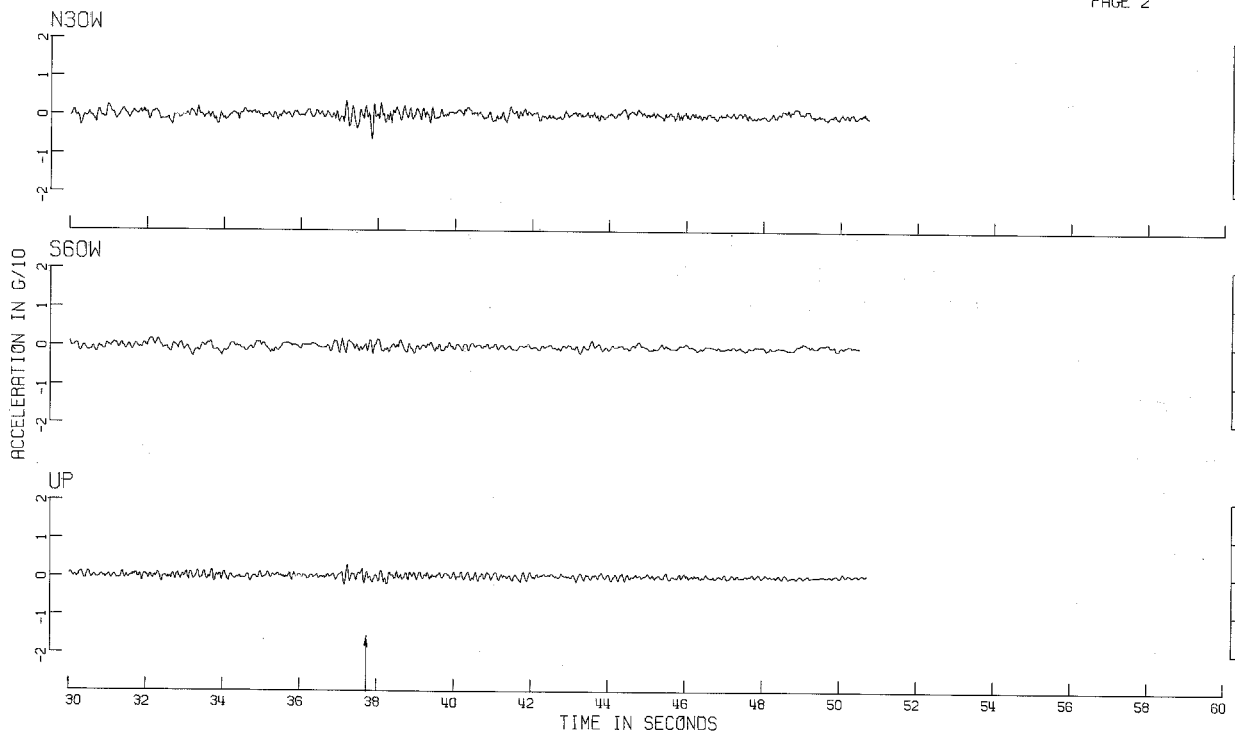


IR254 71.201 2/9/71 0600PST L.A. 533 S. FREMONT AVE. 6TH FL.



IR254 71.201 2/9/71 0600PST L.A. 533 S. FREMONT AVE. 6TH FL.

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California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22121:

EERL 70-20	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data (Vol. I, Part A)	PB-287 847
EERL 70-21	" " (Vol. I, Part B)	PB-196 823
EERL 71-20	" " (Vol. I, Part C)	PB-204 364
EERL 71-21	" " (Vol. I, Part D)	PB-208 529
EERL 71-22	" " (Vol. I, Part E)	PB-209 749
EERL 71-23	" " (Vol. I, Part F)	PB-210 619
EERL 72-20	" " (Vol. I, Part G)	PB-211 357
EERL 72-21	" " (Vol. I, Part H)	PB-211 781
EERL 72-22	" " (Vol. I, Part I)	PB-213 422
EERL 72-23	" " (Vol. I, Part J)	PB-213 423
EERL 72-24	" " (Vol. I, Part K)	PB-213 424
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EERL 72-27	" " (Vol. I, Part N)	PB-223 023
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EERL 73-21	" " (Vol. I, Part P)	PB-227 481/AS
EERL 73-22	" " (Vol. I, Part Q)	PB-232 315/AS
EERL 71-50	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data: Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves (Vol. II, Part A)	PB-208 283
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EERL 73-50	" " (Vol. II, Part E)	PB-223 024
EERL 73-51	" " (Vol. II, Part F)	PB-224 977/9AS
EERL 73-52	" " (Vol. II, Part G)	PB-229 239/AS
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EERL 74-51	" " (Vol. II, Part I)	PB-232 316/AS

EERL 72-80	Analyses of Strong Motion Earthquake Accelerograms - Response Spectra	(Vol. III, Part A)	PB-212 602
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EERL 73-84	" "	(Vol. III, Part F)	PB-227 471/AS
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EERL 74-81	" "	(Vol. III, Part I)	PB-232 326/AS
EERL 72-100	Analyses of Strong Motion Earthquake Accelerograms - Fourier Amplitude Spectra	(Vol. IV, Part A)	PB-212 603
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EERL 73-104	" "	(Vol. IV, Part F)	PB-229 241/AS
EERL 73-105	" "	(Vol. IV, Part G)	PB-231 224/AS
EERL 74-100	" "	(Vol. IV, Part H)	PB-232 327/AS
EERL 74-101	" "	(Vol. IV, Part I)	PB-232 328/AS
Joint Report:	Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971		PB-204 198
EERL 71-01	P. C. Jennings, et al, Forced Vibration of a 22-Story Steel Frame Building		PB-205 161
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EERL 71-05	M. D. Trifunac, F. E. Udawadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms	PB-205 369
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EERL 73-02	Research Papers Submitted to the Fifth World Conference on Earthquake Engineering, Rome, Italy, 25-29 June 1973	PB-220 431
DRC 73-02	Earthquakes and Insurance, Published Papers on Earthquake Research Affiliates Conference of 2-3 April 1973	PB-223 033
EERL 73-03	M. D. Trifunac and V. Lee, Routine Computer Processing of Strong-Motion Accelerograms	PB-226 047-AS